

City of Soledad

Annual Report

General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

**Second Permit Year Report – (2005-2006)
December 2006**



Prepared by:

Public Works Department

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City of Soledad

Second Annual Report

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Section 1 - Introduction

SECOND ANNUAL REPORT

General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

Permittee Information

1. Permittee (Agency Name): **City of Soledad**
 2. Contact Person: **Clifton Price, Public Works Director**
 3. Mailing Address: **P.O. Box 156**
 4. City, State and Zip Code: **Soledad, CA 93960**
 5. Contact Phone Number: **(831) 678-3963 x149**
 6. WDID #: **3 27MS04029**
 7. Have any areas been added to the MS4 due to annexation or other legal means? ☒ YES ☐ NO
 If YES

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	
Gabilan/Toledo Retention Basin	√		√		

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit? ☒ YES ☐ NO
 If yes, report on the implementation of the Design Standards in section D.5 of this Annual Report Form.
(See Small MS4 Annual Report Guidance for additional guidance on completing this Annual Report Form)

Reporting Period

This Annual Report covers the Second Permit Year. The Second Permit Year started on September 22, 2005 and ended on September 21, 2006.

Section 2 - Executive Summary

This Second Annual Report is a detailed report on the status of the implementation of the six minimum control measures outlined in the Storm Water Management Plan (SWMP) in the City of Soledad. The purpose of the annual report is to provide an update of all the activities that were completed, the results obtained and the proposed modifications that will be necessary to implement in the third permit year. The report also describes the Best Managements Practices (BMPs) that were not implemented during the first permit year but were completed and fully implemented during the second permit year. The annual report covers the period from September 22, 2005 through September 21, 2006.

New areas were annexed into the City of Soledad within this reporting period. One segment of the annexed area created construction activities that were monitored by the Public Works Department during the second permit year. Figure A illustrates the annexed area. Every project that disturbs either one acre of land or more receives information about the SWMP and BMPs that are required to be implemented during the construction activities that will be monitored and enforced by the City. Only one project met the threshold of one acre or more during this period.

Public education and public information have been developed and conducted during this reporting period and community educational activities on storm water pollution prevention will continue to be implemented and offered during the rest of the permit years. For instance, the first educational bilingual brochures were created and were available at the City Hall counters and the City of Soledad Public Library. Three bilingual storm water articles were developed and published in the quarterly Soledad Times newspaper. Each issue of the Soledad Times distributes approximately an average of 6,000 copies each quarter and covers the entire City. The City of Soledad storm water website continues to be updated with information and references to storm water pollution reduction activities. The web page can be visited at <http://www.cityofsoledad.com/departments/publicwrks>.

The first storm water presentations to local community groups were also accomplished during the summer of the second permit year. Educational materials were distributed at those presentations. Topics covered during the presentation included explanations of purpose and objectives of the City's SWMP and provided information and ideas about storm water pollution prevention that each resident can implement in their home. The workshops included a power point presentation and a display of the stenciling materials that the City installed and also plans to install in the future. Volunteer assistance was requested at those meetings.

The City of Soledad storm water drainage system map was completed during the second permit year. The new system in the subdivision that started its construction this permit year was also incorporated to the new storm map. The creation of the storm drainage map has assisted the Public Works Department to investigate complaint regarding storm water pollution. The affected areas were located and recorded for future investigations. Ten new storm drain markers were installed, and the new 2006 City of Soledad Design Standards and Standard Specifications included in its requirements the installation of storm drain markers in new projects.

The first storm water training classes were arranged and completed this permit year. The Public Works Staff received training on how to report illicit discharges noticed in the City. The first hazardous material training class between the Public Works Department, the Police Department and the Fire Department was also arranged and completed during the summer of the second permit year.

The City of Soledad is subject to Attachment 4 (Supplemental Provisions) of the General Permit. Compliance with the supplemental provisions has been achieved during the second permit year.

The City continues implementing pollution prevention in their daily activities, such as sweeping, cleaning of the storm drainage inlets, storing properly hazardous material etc. The sweepers' schedules are illustrated in Figures 3 and 4.

This year pictures were taken for the first time to illustrate the conditions of the outfalls when they were inspected. The pictures can be found in Appendix C. The first annual testing was conducted this permit year. The results obtained for the first test will be used as the baseline for future comparisons. Six sampling locations were selected for this first annual testing program.

The activities for the Second and First permit year have been completed and some modifications in the SWMP will be necessary in the next permit year. The proposed modifications are explained in detail in the report. The results obtained during the second permit year will increase the effectiveness of the best management practices that will be created and implemented on the third permit year.

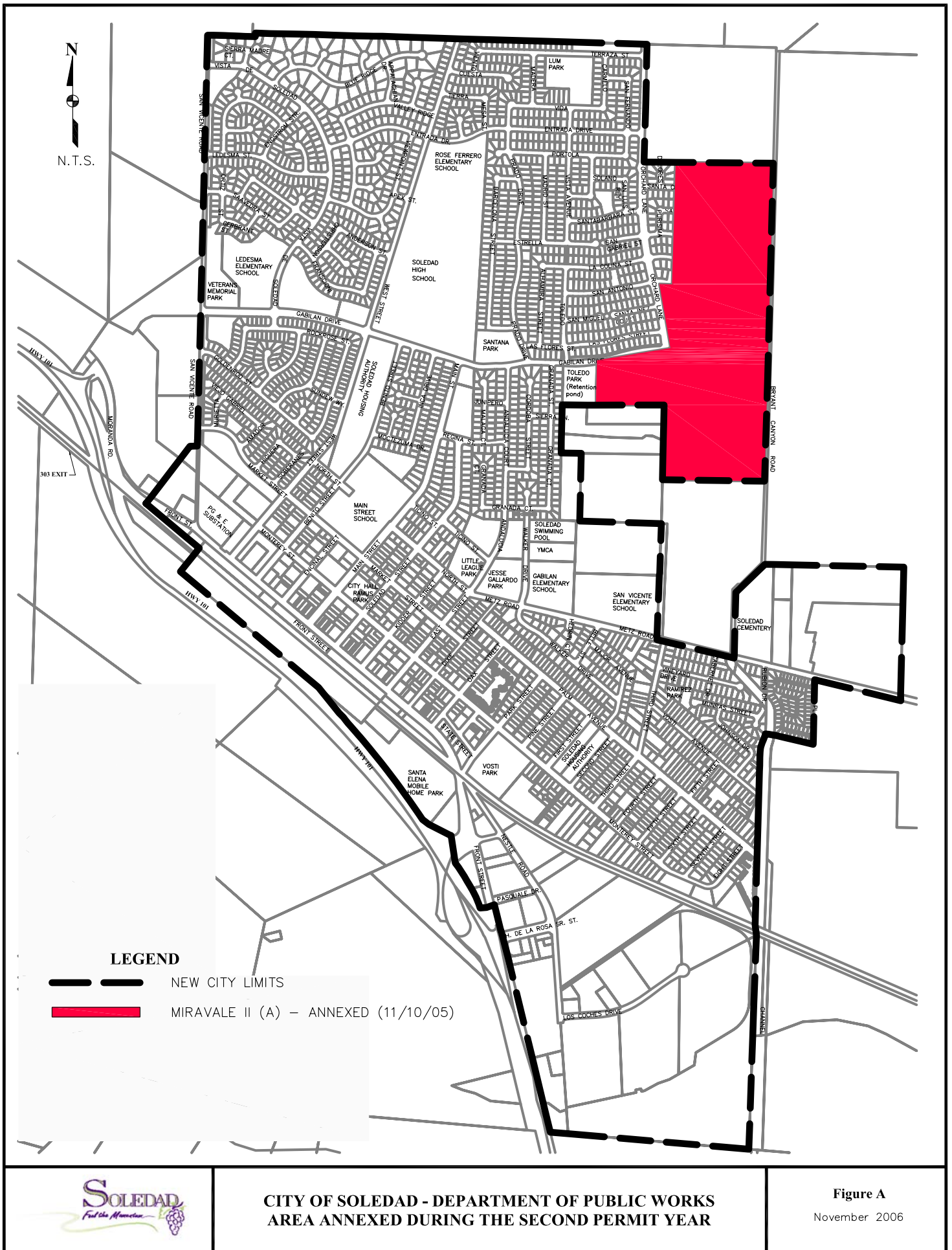


Figure A
 November 2006

Section 3 - Minimum Control Measures

1. Public Education and Outreach

The City is reporting the status and effectiveness of BMPs and measurable goals by completely answering the questions that follow includes any proposed modifications to the SWMP and anticipated changes to the schedule. Tables are provided as well as use narrative sections to highlight information.

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
1.1 Utility Billings	Storm water messages reaching every residence and business in the City to effectively increase awareness of how seasonal activities can contribute to water pollution and to call out safeguards that aim to reduce pesticides, salinity/TDS/chlorides, and sediment/siltation, and other pollutants as appropriate and specific to the City.	√					
1.2 Web site for storm water information	Website developed for widespread access to storm water information, programs, and activities.	√					
1.3 Media advertisements - Television	Storm water advertisements regularly broadcast. Broadcasts will cover a wide range of topics, such as: - How pollution on land can lead to receiving water - Where used motor oil can be recycled, and why it's important to do so - How restaurant kitchen staff can prevent storm drain pollution	√					
1.4 Media advertisements - Newspaper	No-cost storm water advertisements reaching a broad audience via printed media	√					

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
1.5 Brochures or fact sheets for general public and specific audiences	Storm water pollution prevention information readily available to residents, students, business owners, designers, developers, & contractors at City Hall, the library, cleanup events, and classroom educational visits.	√					
1.6 Publish use of City Hall phone number for Storm Water Hotline for information and citizen reporting of polluters	Provide a clear-cut means for the public to contact the City and report illicit discharges and illicit dumping.	√					
1.7 Proper disposal of household hazardous wastes	Facility (ies) provided for the public to dispose of hazardous materials that may otherwise be dumped illegally. Goal is to reduce amount of trash, household chemicals, pesticides, etc. entering the City's storm water system.	√					
1.8 Used Oil Recycling	Facility(ies) provided for the public to dispose of used motor oil in an effort to reduce the amount of petroleum hydrocarbons and other chemicals entering the City's storm water system due to illegal dumping.	√					
1.9 Storm drain stenciling	Notice to community citizens regarding storm water pollution prevention at point of possible entry to storm drain system. Expected reduction in amount of trash and motor oil entering the City's storm sewer system.	√					
1.10 Participation in Regional Storm Water Information Exchange	The City will participate in regional storm water information exchange meetings to enhance their own implementation efforts, and to build upon the lessons learned from other municipalities.	√					

a. BMPs



i. General summary

The Public Education and Outreach activities for the second permit year have been implemented as originally planned. The pending Best Management Practices (BMPs) that were not completed during the first permit year were completed during the second permit year.

For instance, public information articles were advertised in the quarterly Soledad Times newspaper and bilingual educational brochures were created and distributed. Appendix A shows an example of the brochure created and Appendix B shows copies of the Soledad Times newspaper that were created during the second permit year. The City web page has been updated and new links have been added. The City storm water website will be updated and evolved as the City's program evolves. The website can be found at: <http://www.cityofsoledad.com/departments/publicwrks/index.cfm>.



ii. Status of Measurable Goals

100% of the second permit year's measurable goals have been achieved.



iii. Appropriateness

The minimum control measures implemented during the second permit year were appropriated for the City Storm Water Management Program. The bilingual messages created for the local television channel, the brochures and the quarterly newspaper articles provided the opportunity to reach a larger sector of the City's population.



iv. Effectiveness

The goals achieved during the second permit year cannot be adequately measured at this time. Although several forms of communications to reach the public have been created and implemented during the second permit year, it is difficult to measure the effect on the people's behavior without having more data.



v. Proposed Modifications

Modifications proposed for the third permit year included changes on BMP 1.1 and BMP 1.10.

BMP 1.1

The Utility Billings will not be used as educational media for the rest of the permit. Bilingual messages cannot be displayed on utility bills because only 36 characters can be displayed. This limited spaced forced the City staff to alternate the messages and present each message in one language. This type of advertisement created unhappy mixed emotions among a small sector of the City who were not happy to see Spanish messages without the translation in English. In lieu of this BMP, the educational information will be displayed only in brochures, the local television channel, the City web page, and in the Soledad Times Newspaper.

BMP 1.10

The participation in regional storm water information exchanges will be limited to the available meetings in the region. During the second permit year, the City only attended one meeting because the Salinas River Channel Coalition only had one annual meeting.

b. Results

Results of information collected and analyzed are included below.

Table 1 shows the volume of used oil and number of used filter units collected from the Residential areas by Tri-Cities Disposal & Recycling during the months of September 2005 to September 2006. According to the information collected from Tri-Cities Disposal & Recycling, the company does not collect used oil or used filter units from multi family account, commercial and industrial areas because the grant provided by the County only covered the residential areas

In addition, determining the percentage of the customers that use this service is a difficult task because Tri-Cities Disposal & Recycling does not know the number of vehicles that each resident owns and frequency of the oil change in each vehicle.

Table 1: Used Oil Volume and Used Filter Collected

Month s	Used Oil gallons	Used Filters each
Sep-05	112.0	90.0
Oct-05	71.0	65.0
Nov-05	98.0	96.0
Dec-05	116.0	107.0
Jan-06	81.0	68.0
Feb-06	93.0	72.0
Mar-06	113.0	88.0
Apr-06	142.5	106.0
May-06	137.5	114.0
Jun-06	146.5	133.0
Jul-06	66.0	36.0
Aug-06	180.0	159.0
Sep-06	178.5	86.0

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

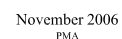
The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the third permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
1.1 Utility Billings	Messages distributed quarterly Permit Years 1-5 MG: Run four messages/yr	√		Yes.	For the Third Permit Year, this BMP will not be implemented. Only 36 characters can be displayed in the utility bill, and this limited space made impossible for the City staff to display bilingual messages in the bills. As a result, during the second permit year, four messages were displayed in the utility bills, two English and two in Spanish to reach the entire City's population. However, this type of advertisement created mixed emotions among some of the City residents who did not want to see messages displayed only in Spanish. To avoid more complaints, it was decided to focus the educational information to the brochures, the local TV channel, and the Soledad Times Newspaper because the messages can be displayed in English and Spanish at the same time.

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
1.2 Web site for storm water information	MG: Current storm water information placed on website, number emails and hotline use documented		√	Yes.	Ongoing throughout permit term.
1.3 Media advertisements - Television	Permit Year 1: Legwork to determine req'ts of broadcasting text ad; develop ads by summer of First Permit Year MG: Ads developed		√	Yes.	Ongoing throughout permit term.
1.4 Media advertisements – Newspaper	Permit Year 1: Negotiations with Soledad Bee for PSA by Summer of First Permit Year MG: Ad size and running frequency with Soledad Bee determined	√		√	The quarterly Soledad Times Newspaper has been used mainly to advertise the storm water ads. The first add was advertised last February 2006. The Soledad Times Newspaper is a free service and Four ads per year will be advertised by using this newspaper.
1.5 Brochures or fact sheets for general public and specific audiences	Permit Year 1: Coordinate with library and City Hall on material dispensers (contents & display location) by Summer of Permit Year 1 MG: Storm water displays choreographed		√	√	Ongoing throughout permit term .
1.6 Publish use of City Hall phone number for Storm Water Hotline for information and citizen reporting of polluters	Hotline advertised immediately upon development of Storm Water section of the City's website, in Permit Year 1. MG: Hotline voice mailbox set up (See also BMP 3.2)		√	√	Ongoing throughout permit term. Hotline phone number has been advertised in the City web page, the quarterly Soledad Times newspaper and in educational brochures.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
1.7 Proper disposal of household hazardous wastes	Locations added to storm water section of City website in Permit Year 1 and updated as-needed if information changes. MG: Min. 2 existing locations for hazardous materials disposal listed on City website		√	√	Ongoing throughout permit term. Locations of disposal places have been advertised in the City web page, the quarterly Soledad Times newspaper and in educational brochures.
1.8 Used Oil Recycling	Permit Year 1: Determine existing efforts of a nearby recycling facility to advertise their facility by Summer of First Permit Year MG: Facility's existing advertising media & frequency determined. Facility advertised on City storm water website		√	√	Ongoing throughout permit term. Locations of disposal places have been advertised in the City web page, the quarterly Soledad Times newspaper and in educational brochures.
1.9 Storm drain stenciling	Permit Year 1: Procurement of stencil(s) to display appropriate message by end of Summer first Permit Year MG: Stencil(s) chosen		√	√	Ongoing throughout permit term. Ten storm drain markers were installed. Figure 1 shows the location of the markers that were installed during the second permit year.
1.10 Participation in Regional Storm Water Information Exchange	The City will participate in a minimum of one regional storm water information exchange meeting per quarter. MG: Attend min. 1 meeting/quarter	√		√	The Salinas River Channel Coalition had one annual meeting, and it was done during the month of April. No more meetings were scheduled, but the City staff received continues email regarding the status of any pending issue. If the Coalition has pending issues, more meetings are arranged. Last year, the City attended two meetings. The meetings are attended either by the Mayor, the City Manager, or by the Public Works Director. In addition, the City receives educational emails from the California Storm water Quality Association (CASQA), and currently, the City still searching for other local associations to be members. Although there are other associations in the County, the City cannot become member of each one due to geographic location and different concerns that are not affecting the City.



2. Public Involvement and Participation

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
2.1 Educational and volunteer programs for school-age children and community groups	Community participation and education on storm water pollution prevention. Visible, interactive activities for storm system cleanup and protection, encouraging a vested interest in keeping pollution from entering City's storm sewer system.	√					
2.2. Community Feedback	To solicit feedback and participation from the community. Community awareness that the City encourages and expects awareness on a City-wide level. Workshops will be held prior to the start of the rainy season in order to alert citizens to methods of preventing pollutants from entering runoff, and prior to submittal of the annual report in order to incorporate community feedback into the report.		√ 3rd Yr				

a. BMPs



i. General summary

During the second permit year, the City participated in two public meeting with two community groups. The first public meeting was held on September 6, 2006 with the Lionesses Club, and the second meeting with the Rotary Club on September 11, 2006. During the meeting, brochures were distributed with storm water pollution prevention information and the Storm Water Management Plan was explained to both groups.

The community program called "SCOPE" that was mentioned in the original Storm Water Management Plan document is no longer available. Many of the staff that worked during the development of the Plan are not working anymore with the City. As a result, the recruiting of volunteers started from zero.



ii. Status of Measurable Goals

100% of the second permit year's measurable goals have been achieved.



iii. Appropriateness

The minimum control measure implemented during the second year of the permit was an appropriate beginning for the Plan.
The questions raised during the meetings will assist the City to prepare for the first community workshop.



iv. Effectiveness

Determining the overall effectiveness of the implemented BMP is not possible during the second permit year. Although during the two meetings the people showed interested in stopping pollution, no volunteers groups were formed or contacted the City.



v. Proposed Modifications

Modification proposed for the third permit year includes the change in the presentation of the first community workshop and the volunteer assistance.

First community workshop will be offered during the month of December due to several activities from the Public Works Department that limited the organization of the workshop.

The clean up activities will be limited to the installation of curb markers on existing catch basis, in stenciling the catch basis, and in monitoring the conditions of the existing drainage system. Cleaning the catch basis is excluded from the volunteer's activities because this activity involved the use of heavy equipment. We also contacted a local community leader regarding this activity and the recommendation was to limit the volunteer activities to the curb markers installation, stenciling the inlets and monitoring the conditions of the existing drainage system because the involvement of heavy equipment and liability.

b. Results

Results of information collected and analyzed are included below.

Since the community program "SCOPE" is not available, the City currently does not have any volunteers. After the two meetings with the local groups, none has approached the City. There is no official list of people willing to participate in the volunteer activities.

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the third permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
2.1 Educational and volunteer programs for school-age children and community groups	Permit Year 2: Contact with community groups to encourage participation by Spring Second Permit Year. MG: List of community groups interested in participating documented.	√		√	Although the City contacted and performed storm water pollution presentations to some local community groups; such as the Lioness Club and the Rotary Club; the City did not obtain an official list of people willing to participate in a clean out. Cleaning the storm drain system is a physical work that required the use of special tools; therefore, during our presentations we asked for volunteers to help the City to stencil the catch basins, and to report any illicit discharges in order to stop the polluters. We are also planning to use school groups to help us to stencil the catch basins.
2.2. Community Feedback	Permit Year 3: Develop community vision workshop agenda and hold first workshop by Fall of Third Permit Year. MG: Hold one workshop/yr, quantity attendees documented.		√	No.	Community workshop will be developed during the Third Permit Year.

3. Illicit Discharge Detection and Elimination

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
3.1 Storm drain system map	Inventory of storm drain inlets and infrastructure for better monitoring, maintenance, and cleaning.	√					
3.2 Storm Drain Outfall Inspections	To offer a means by which the City can track outfall conditions and link signs of pollution at the outfall with known or reported illicit discharges upstream of the outfall structure in the storm system.	√					
3.3 Illegal dumping reporting	Public awareness that the City is serious about preventing illegal dumping and discharges by encouraging people to report illicit discharge or dumping activities, and by promptly responding to these reports. An established system of reporting allows the City to a) investigate, b) track, and c) enforce these potential threats to water quality. (See also BMPs 3.4 & 3.5.)	√					
3.4 Illegal dumping documenting and monitoring	Inventory of the frequency, type, and location of illicit discharges to distinguish which pollutants are entering the City's storm drain system, what the possible sources are, and with what frequency the dumping or discharge occurs. Expected decrease in response time after reports are filed.	√					
3.5 Illegal dumping investigations and tracking of "Hot Spots"	Reduction in illicit discharges, especially in areas found to be impacted most severely by pollutants of concern.	√					
3.6 Adopt ordinance, including an enforcement mechanism	Develop Storm Water Ordinance on April 6, 2005 to provide the legal authority for regulating illegal discharge and provide for enforcement activities.	√					

BMP	Description	Status					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
3.7 Sanitary sewer system map	Inventory of sewer infrastructure for proximity information related to storm drainage infrastructure to identify and reduce discharges from any illicit sanitary sewer connections or sewer overflows.	√					
3.8 Watch list for illicit connections	Awareness for City employees of those businesses that may be the source of potential illicit discharges into the storm drain system. Industry awareness that various facilities are subject to random investigations for illicit discharges. Result is reduced sources of non-storm water pollutant loading into the City's system.		√ 3rd Yr				
3.9 Industrial/business connections	Accountability for undocumented connections to storm drain system. Compliance encouraged. Objective is to identify unknown connections and assess if the connections are to be disconnected or may remain in service (depending upon the composition of the discharge, i.e. storm water or non-storm water). As a result, the City will have a more complete map of points of storm water discharge into the City's system, and/or reduce sources of non-storm water pollutant loading into the City's system.		√ 3rd Yr				
3.10 Review and Identification of Non-Storm Water Discharges	Objective is to determine other significant sources of pollutants that enter the storm drain system, and work toward reducing them through public education and other BMPs appropriate for the discharges determined to be significant by the RWQCB Executive Officer.		√ 3rd Yr				

a. BMPs**i. General summary**

During the second permit year, the BMPs that were not completed during the first permit year were completed. The storm drain system map, for example, was completed and the new map showed also the new system that was installed in Miravale II, Unit I, a new subdivision that is currently under construction. The new electronic drawing has identified each outfall and its tributary areas. Figure 2 shows the storm drain system map. Illicit discharges reports throughout the City have been responded to and cleaned up and responsible parties were identified and corrective actions were taken by implementing the storm water ordinance developed during the first permit year. No sewer overflows were discovered or reported last year to identify “hot spots” that may require rehabilitation or repairs.

**ii. Status of Measurable Goals**

All the second year’s measurable goals have been achieved in their entirety.

**iii. Appropriateness**

The creation of the ordinance during the first permit year allows the City to address illicit discharges during the rest of the permit. The storm water ordinance allows the City to enforce illicit discharge laws when illicit discharges were reported during the second permit year. The development of the storm drain system map allows the City to find illicit discharges when they occur and to locate areas that will be affected when an illicit discharge occurs.

**iv. Effectiveness**

Continuing updating the storm drain map will assist the City in tracking down polluters and identifying areas where illicit sanitary sewer connections may exist. The inspections of the outfalls allow the City to detect what areas of the City are affected by polluters and would required more inspection. Monitoring illegal dumping reports by using the updated City’s storm drain system map allows the City to locate “hot spots” or problematic areas.

**v. Proposed Modifications**

No modifications are proposed at his time.

b. Results

Results of information collected and analyzed are included below.

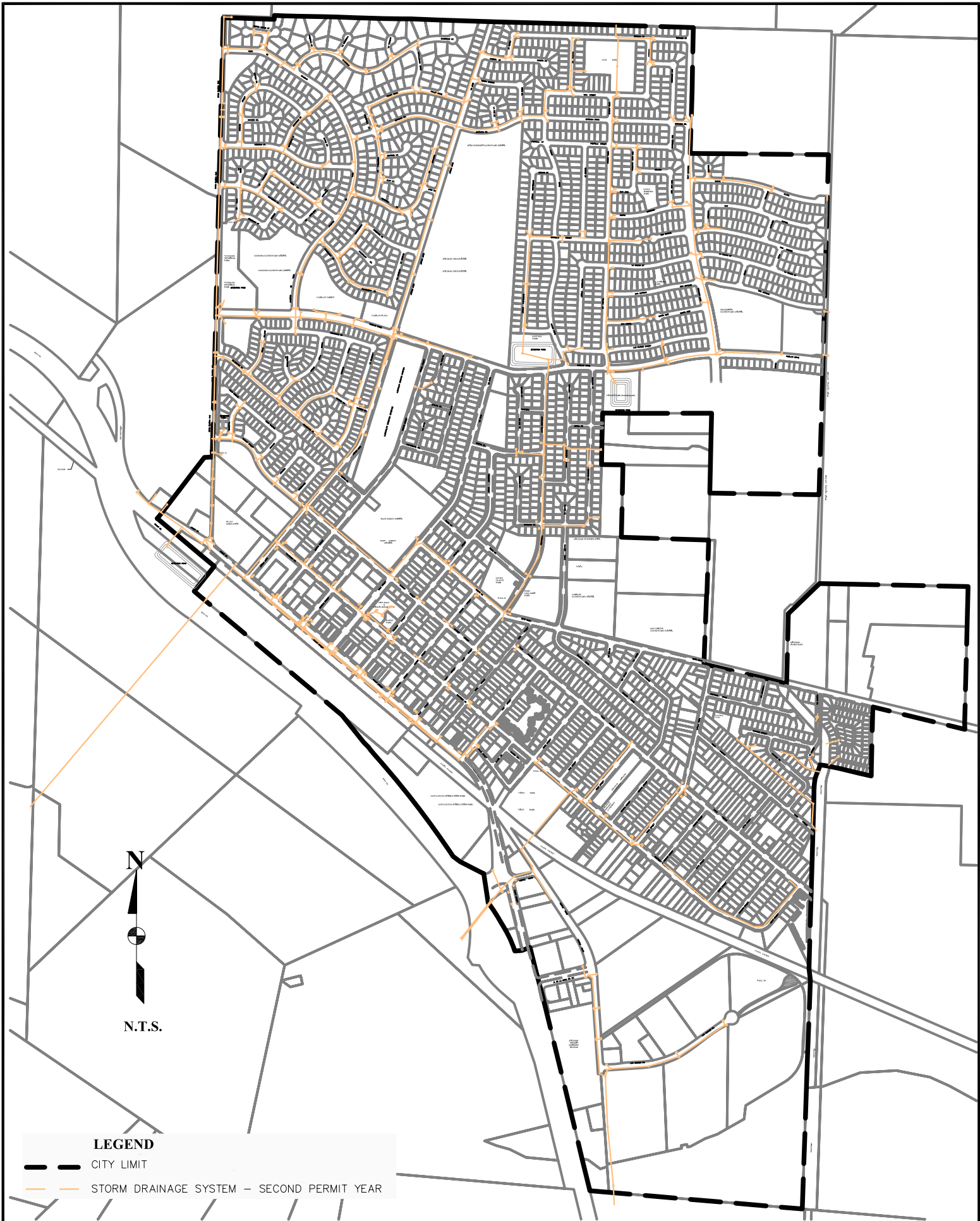
The new sanitary sewer system's electronic AutoCAD drawings for Miravale II, Unit I, the new subdivision that started last April, were obtained and added to the existing sanitary sewer AutoCAD drawings and will be incorporated to the Geographic Information System (GIS) existing sewer system map.

Six illegal discharges were documented during the second permit year. Inspections were done to the reported areas, and two warning letters were sent, one to a local industry and one to a construction company. Letters were sent and corrective measures were implemented to avoid another illicit discharge. During working hours, the public can call (831) 678-3963 to report any problem inside the City limits, they can also leave message at the hot line at (831) 678 extension 121. Every morning the City staff member monitors the hotline.

Each outfall was inspected during the second permit year, and Table 2 list the outfalls that were inspected, Figure 3 illustrates the location of the outfalls, Appendix C shows the photos taken during the inspection that illustrate the conditions of the outfalls.

Table2: Outfalls inspected during the Second Permit Year

Outfall Number	Outfall Name/Location	Basin Type	Inspection Date
1	Basin pond along Gabilan Street/Toledo St	Retention	8/30/2006
2	Santana Park along Prado and Gabilan Street	Detention	8/30/2006
3	Veterans Memorial Park at Gabilan Street/San Vicente	Detention	8/30/2006
4	Basin pond at Front Street/West Street	Retention	8/30/2006
5	City Treatment Plant Area – headwork		8/30/2006
6	Nestles Road Outfall – Front & Nestles		8/30/2006
7	Basin pond at Market Street/San Vicente	Detention	8/30/2006



LEGEND

- CITY LIMIT
- STORM DRAINAGE SYSTEM - SECOND PERMIT YEAR



c. Summary

Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the third permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
3.1 Storm drain system map	Permit Year 1: Update storm water map with existing known facilities by Summer First Permit Year MG: Map updated		√	√	Continue to update the existing storm drain system map to show new projects as they are constructed
3.2 Storm Drain Outfall Inspections	Permit Year 1: Establish baseline conditions for all outfall structures MG: 100% outfall structures inspected, logged, and photographed		√	√	
3.3 Illegal dumping reporting	Permit Year 1: Hotline for reports of illegal dumping in place and log begun documenting each report MG: Hotline voice mailbox set up, number of calls documented		√	√	
3.4 Illegal dumping documenting and monitoring	Permit Year 2: Numeric & qualitative analysis of all reports documented over the first Permit Year. Development of criteria for consideration of "hot spots." MG: Discharge types documented, number of discharges tracked & cleaned up, documented. "Hot spot" criteria determined.		√	√	
3.5 Illegal dumping investigations and tracking of "Hot Spots"	Permit Year 2: Initiate formal investigations & tracking for "hot-spots" by Oct. of Second Permit Year MG: Number investigations/hot spot established, tracking records developed		√	√	
3.6 Adopt ordinance, including an enforcement mechanism	Complete ordinance by Dec. of First Permit Year. MG: Ordinance adopted		√	Adopted on April 6, 2005	

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
3.7 Sanitary sewer system map	Permit Year 1: Update sewer map with existing known facilities by Summer First Permit Year MG: Map updated		√	√	
3.8 Watch list for illicit connections	Permit Year 3: All City businesses to be grouped and profiled for potential of having non-stormwater discharges into the City storm sewer system. MG: 100% businesses profiled and "watch list" created.		√	No.	Implementation will start during the third year of the permit
3.9 Industrial/business connections	Permit Year 3: Letter mailed out to all businesses by Oct of Third Permit Year MG: Letter sent to 100% businesses.		√	No.	Implementation will start during the third year of the permit
3.10 Review and Identification of Non-Storm Water Discharges	Permit Year 3: Plan developed MG: Breakdown of planned evaluation technique for each discharge developed.		√	No.	Implementation will start during the third year of the permit

4. Construction Site Storm Water Control

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
4.1 Regulatory mechanism for controlling polluted runoff from construction sites.	To enforce compliance in developing and implementing erosion and sediment controls from construction site storm water runoff.	√					
4.2 Construction site BMPs for controlling erosion & sediment at site	To ensure effective and appropriate use of available erosion and sediment control measures on an individual construction site basis.	√					
4.3 SWPPP Requirements and Guidelines	Formalized legal responsibility and accountability for effectively reducing sediment, erosion, and on-site chemical runoff associated with construction operations.	√					
4.4 Tracking of sites >1 acre with associated erosion & sediment control measures	Tracking mechanism for ensuring 100% of all sites are accounted for in implementing the associated BMPs as described and approved in their SWPPP.	√					
4.5 Inspections for sediment & erosion control	All construction sites ≥ 1 acre inspected, prioritized, and tracked by the City. Prioritization will give more attention to those sites that may have the greatest impact to compromising water quality to ensure the Contractor is held accountable for the BMPs that require implementation during construction.	√					
4.6 Penalties for non-compliance with runoff control measures	All construction sites ≥ 1 acre tracked and, when necessary, penalized for non-compliance. Provides incentives to Contractor for proper implementation of construction site BMPs, thereby reducing sediment and construction waste chemicals that would otherwise enter the City's storm drain system from these sites.	√					

<i>BMP</i>	<i>Description</i>	<i>Status</i>					
		<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified¹</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
4.7 Procedures for receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities	Information source and reporting on construction site runoff control measures available to public.		√ 3rd Yr				

a. BMPs



i. General summary

During the second permit year, the City continued implementing the Storm Water Quality Ordinance and enforces its use during all phases of construction. The 2006 Design Standards and Standard Specifications requires in their Improvement Plan Check List, Part V copies of Storm Water Pollution Prevention Plan (SWPPP) and Notice of Intent (NOI) from Contractors/Developers for all projects greater than one acre. A model SWPPP has been prepared to demonstrate to developers and contractors what key information is required when the construction projects are greater than one acre. Every single project is reviewed by both the Community Development Department and the Public Works Department to determine if one acre of land is disturbed in each project. The following steps are required and enforced in each project than is greater than one acre:

- No construction permit is issued before the SWPPP is approved.
- Routine inspections are conducted on construction sites having open permits. Enforcement per the ordinance is executed where required.
- Documentation and tracking of problem sites is performed.
- A priority inspection system has been developed depending upon each site's stage of construction, proximity to Salinas River, previous contractor's performance, repeated neglect of storm water protection systems, etc.

During the second permit year only Miravale II Unit I, a subdivision project, was greater than one acre. The City has enforced all the necessary procedures to prevent pollution from sediments from this project.



ii. Status of Measurable Goals

100% of the first year's measurable goals have been achieved.

**iii. Appropriateness**

The second permit year's construction site storm water control minimum measures have been appropriate for the permit. When the sewer moratorium was lifted, the storm water ordinance and the model SWPP developed during the first permit year assisted the City to monitor new projects that were ready for construction.

**iv. Effectiveness**

Determining the effectiveness through the second permit year is difficult to ascertain. The rest of the years of the permitting will provide a greater opportunity to measure the construction control measure's effectiveness in reducing the storm water pollution from the construction sites greater than one acre.

**v. Proposed Modifications**

There are no modifications proposed.

b. Results

There is no applicable information to be reported this permit year.

Not applicable this year.

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the third permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
4.1 Regulatory mechanism for controlling polluted runoff from construction sites.	Complete ordinance by Dec First Permit Year MG: Ordinance adopted			√	Adopted on April 6, 2005

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
4.2 Construction site BMPs for controlling erosion & sediment at site	MG: List of acceptable reference materials and resources developed and available to public			√	100% completed. The City Design Standards and Standards Specifications list the requirements that developments/contractor have to provide with new plans. The City Engineer conducted plan checks on a case-by-case basis. Documents used during the plan-check phases are the existing City Storm Water Ordinance, the California Stormwater Quality Association (CSQA) Construction Handbook, and by checking that plans meet the existing City BMPs
4.3 SWPPP Requirements and Guidelines	Permit Year 1: Model SWPPP developed; NOI & SWPPP required upon adoption of ordinance. MG: 100% sites ≥ 1 acre with SWPPPs			√	100% completed. City Engineer developed model SWPPP based on the existing Storm Ordinance, the existing City BMPs, and the CASQA Construction Handbook' equipments.
4.4 Tracking of sites >1 acre with associated erosion & sediment control measures	Permit Years 1-5: Log of construction sites developed and maintained by City. MG: 100% all construction sites ≥ 1 acre logged & tracked		√	100% completed City inspectors record construction sites.	On going practice
4.5 Inspections for sediment & erosion control	Permit Year 1: City will develop prioritization criteria and inspection checklist. MG: Prioritization criteria and checklist developed		√	100% completed. Checklist created by City Engineer.	On going practice
4.6 Penalties for non-compliance with runoff control measures	Permit Year 1: Enforcement procedures and tracking to be developed. MG: Enforcement & tracking procedures detailed in writing		√	100% completed City Inspectors enforce Ordinance.	On going practice

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BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
4.7 Procedures for receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities	Permit Year 3-5: Website to include information related to construction site runoff control requirements and reporting by Sept. of Third Permit Year. MG: Information on construction site storm water runoff added to website, number of reports called in documented, follow-up on 100% of reports achieved		√	No.	Implementation will start during the third year of the permit

5. Post-Construction Storm Water Management

If your community is subject to Attachment 4 (Supplemental Provisions) of the General Permit, note your compliance with and progress implementing the Design Standards in this section, if applicable.

BMP	Description	Status					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
5.1 Site design requirements for new development and redevelopment	Limiting the amount of impervious surfaces for new developments reduces the amount of storm water runoff into the City's storm sewer system, thus reducing the amount of sediment and vehicle-generated pollutants entering the system. Requirements for developers to stencil any new catch basins upon construction will reduce the amount of trash and motor oil that would otherwise enter the City's storm sewer system.	√					
5.2 Storage or detention BMPs controlling storm water	Ensuring flows from newly developed or redeveloped areas will be detained before entering storm drainage system to reduce sediment loading into the Salinas River.	√					
5.3 Post-Construction storm water runoff strategies and design standards	Storm water runoff strategies are site-specific, and require analysis on a case-by-case basis. The City defaults to the existing, State-accepted BMPs published in various reference materials to ensure that, as the State requirements for controls are updated, so too are the City's requirements.	√					
5.4 Adopt ordinance, including an enforcement mechanism	To require compliance with implementation of site development controls (as established by the City and outlined in Attachment 4) that prevent or minimize water quality impacts.	√					

BMP	Description	Status					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
5.5 Long-term operations and maintenance of BMPs	Procedures in place for staff to conduct inspections and for compliance to be measured and tracked both for implementation of controls and operations and maintenance of those controls. Implementation of this BMP will effectively minimize, and in some cases prevent, erosion and sediment loading into the City's storm sewer system.	√					

a. BMPs



i. General summary

The City of Soledad is subject to Attachment 4 (Supplemental Provisions) of the General Permit. All new development or redevelopment in the City must divert at least 75 percent of the storm water runoff generated by new construction to a detention basin. Currently, one hundred percent of the storm water runoff generated by new constructions is conveyed to detention basins. The existing City Zoning ordinance and the new Storm Water Quality Ordinance have provided the City the necessary tools to require storm water management facilities and long-term maintenance in new developments. These requirements help to capture and convey storm water as appropriate for protecting receiving waters from the impacts of new developments, and are consistent with the categorical design requirements of Attachment 4.

The new 2006 Design Standards and Standard Specifications adopted in June 2006 included storm drain stenciling as a site design requirement in new projects. A copy of the standard design for Drain Markers can be found in Appendix D and is Standard Plan Number 21A.



ii. Status of Measurable Goals

100% of the first year's measurable goals have been achieved.



iii. Appropriateness

Having the post-construction BMPs and the Storm Water Ordinance in place during the first permit year has assisted the City to applied them to each new project during the second permit year reduce storm water pollution to the maximum extent and helped to apply to each new project that was approved.

**iv. Effectiveness**

Performing construction inspections assures that each BMPs will be installed and maintained during the entire project.

**v. Proposed Modifications**

There are no modifications proposed.

b. Results

There is no applicable information to be reported this permit year.

No results are reported during this permit year.

c. Summary

Below is a summarization of the storm water activities planned during the next reporting cycle (including an implementation schedule).

The chart below outlines the City's next reporting cycle of storm water activities that will be implemented during the third permit year.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
5.1 Site design requirements for new development and redevelopment	Permit Years 2-5: Incorporate storm drain stenciling as a site design requirement beginning Second Permit Year. MG: 100% of new- and re-development sites to have stenciled drainage inlets prior to receiving Notice of Termination		√	Yes	The 2006 City Design Standards added this new requirement for new developments.
5.2 Storage or detention BMPs controlling storm water	MG: 100% of all new- or redevelopment sites will divert min. 75% storm water runoff into detention basin.		√	100% completed	On going practice

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
5.3 Post-Construction storm water runoff strategies and design standards	The City will require developers and planning and development plan review staff to adhere to the requirements of Attachment 4 of the General Permit, beginning in the Second Permit Year. MG: 100% of new- and re-development "priority project" sites will comply with Attachment 4 design standards, and 100% of all other new- and re-development sites will implement City-approved post-construction BMPs		√	Yes	On going practice
5.4 Adopt ordinance, including an enforcement mechanism	Complete ordinance by Dec. of First Permit Year MG: Ordinance adopted		√	Adopted on April 6, 2005	
5.5 Long-term operations and maintenance of BMPs	Inspection procedures, database, and log sheet to be developed by end of First Permit Year. Requirements for reporting by developers, homeowners associations, and City maintenance staff to be finalized also by end First Permit Year. MG: Procedures and log developed, reporting requirements developed		√	100% completed	On going practice

6. Pollution Prevention and Good Housekeeping for Municipal Operations

BMP	Description	Status					
		Im ple men ted	Not Ap plic able	Mod ified¹	Ef fect ive	Un known	Not Ef fect ive
6.1 Street sweeping	Preventing specific pollutants of concern* from entering storm water system *See also BMP 6.11	√					
6.2 Routine cleaning of drainage inlets	Prevent loading of specific pollutants of concern* before leaving the City limits. *See also BMP 6.11	√					
6.3 Guidelines for cleaning of vehicle parts	Established record-keeping of waste basin-unit use	√					
6.4 Used oil disposal	Established record-keeping for used-oil pick up	√					
<u>6.5 Hazardous materials storage</u>	Proper hazardous materials storage	√					
6.6 Hazardous materials training for City employees	Training for liability mitigation and education on ways to reduce the use of hazardous materials in City maintenance activities (for example, other products that may be used to reduce pesticides used for City parks).	√					
6.7 Employee training on storm water management and BMPs	Up-to-date information on storm water management and BMPs. Training for liability mitigation and protection of City's infrastructure system.	√					
6.8 Spill response	Immediate action to contain and cleanup spills	√					

BMP	Description	Status					
		Implemented	Not Applicable	Modified¹	Effective	Unknown	Not Effective
6.9 Record keeping of spills, leaks, and other discharges at a facility	Tracking of spills, leaks, and other discharges by facility	√					
6.10 Staff Survey	Measure of SWMP effectiveness under current regulations. Objective is to determine known sources of pollution and/or especially problematic/pervasive areas or activities contributing to pollution in storm water, and work toward reducing these sources and activities.		√ 3rd Yr				
6.11 Annual Testing for Pollutants of Concern	Objective is to effectively measure what pollutants are found in distinct areas of the City to better determine what activities may be employed to reduce those specific pollutants from entering the storm drain system in the future.	√					

a. BMPs



i. General summary

During the second permit year, the best management practice that was not completed during the first permit year was completed with the rest of the BMPs. Street sweeping, cleaning of drainage of inlets, proper hazardous waste disposal are regular activities that the Public Works Department perform every year. During the second permit year, the Public Works Department provided its first training on storm water management and BMPs. Videos were purchased and a Public Works Inspector provided the first training class. Hazardous material training classes were arranged for the Public Works Department, the Police Department and the Fire Department. The City of Soledad continues maintaining the implementation of pollution prevention and good housekeeping in its daily operations.



ii. Status of Measurable Goals

100% of the first year's measurable goals have been achieved.



iii. Appropriateness

The current control measures implemented in the City's daily operations appear appropriate in reducing potential storm water pollution. Next year, the appropriateness of the implemented BMPs will be able to be measured when surveys are distributed among the City staff to determine their own opinions on the current BMPs, and how they could be improved.



iv. Effectiveness

The second year of the implementation of the BMPs does not have enough measurable elements to quantify its effectiveness. In the followings years, procedures will be in place to better quantify the effectiveness of the BMPs used.



v. Proposed Modifications

There are no modifications proposed for this measure at this time.

b. Results

Results of information collected and analyzed are included below.

During the second permit year, two maps were created to illustrate the schedule of the street sweeping areas within the City boundaries. Figures 4 and 5 show the areas and the schedule. The volume collected of street debris is approximately 25 yd³ per week, and approximately 1,200 yd³ of debris is collected per year.

During the cleaning of drainage inlets, approximately 30 yd³ per year of waste was removed from the storm drain system within the City boundaries.

The employee training on storm water management and BMPs started on August 15, 2006. Almost one hundred percent of the Public Work's staff attended this training session. The material used for this training was the video recorded by Santa Ana Regional Water Quality Board named General Construction Storm water Permit compliance Workshop. On September 11, 2006, the Public Works Inspector presented another storm water management training class. Around seventy percent of the Public Works Staff attended this second training. The Storm Water Coordinator attended a Controlling Construction Site Run-off workshop sponsored by the American Public Works Association.

The City developed and coordinated an annual hazardous material training program for the Police, Fire and Public Works Departments, and the first joint hazardous material training class was offered during the Summer of the Second Permit Year.

The City of Soledad conducted their first testing for pollutants. The areas selected are the existing outfalls located within the City limits. Figure 6 shows the location of the sample sites. Some of the outfalls are retention basins and other detention basins. Only six samples were collected out of the seven existing outfalls because one of the outfalls did not have water for the collection. A grab sampling technique was used for the sampling collection. The samples represent only a particular point in time during the storm; therefore, the samples taken do not represent the entire flow. The results for this first testing represent the baseline for the future test comparison, and the results are summarized in Table 3.

None of the results obtained during the first testing are above the maximum contaminant levels set down by the Salinas River Basin Plan, summarized in Table 4 and illustrated at Graph 1 and Graph 2. The high levels of the total and fecal coliform obtained during this first test are indicators that will require further investigation. It is important to note that the high levels of coliform were from one (1) sampling taken during a first flush light rain event. There was some indication of Orthophosphate which could be attributed to fertilizers.

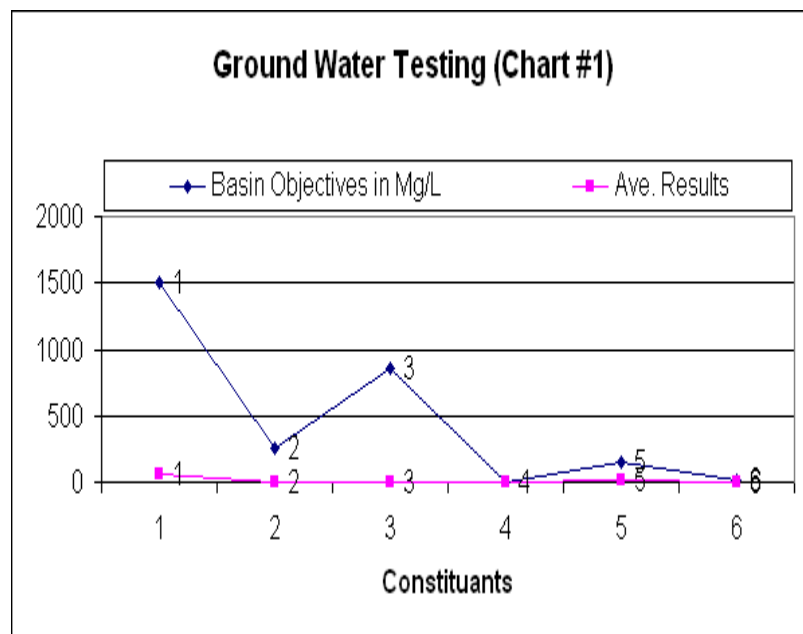
The over use of lawn fertilizers can be reduced through education, and the brochures and articles published in the Soledad Times emphasis the proper use of fertilizers. The Coliform levels can also be reduced by increasing the public awareness regarding the contamination that could be produced when pet's waste ends in the storm drainage system. Many people are unaware of this type of contamination, but if we emphasize the use of plastic bags to pick their pet's waste and dispose it properly when they are walking their pets, the message can be transmitted, and the high levels of fecal coliform can be reduced. Cleaning more often the catch basin will also reduce the levels of nitrates, sedimentation and phosphorous. A copy of the sampling lab report can be found in Appendix E.

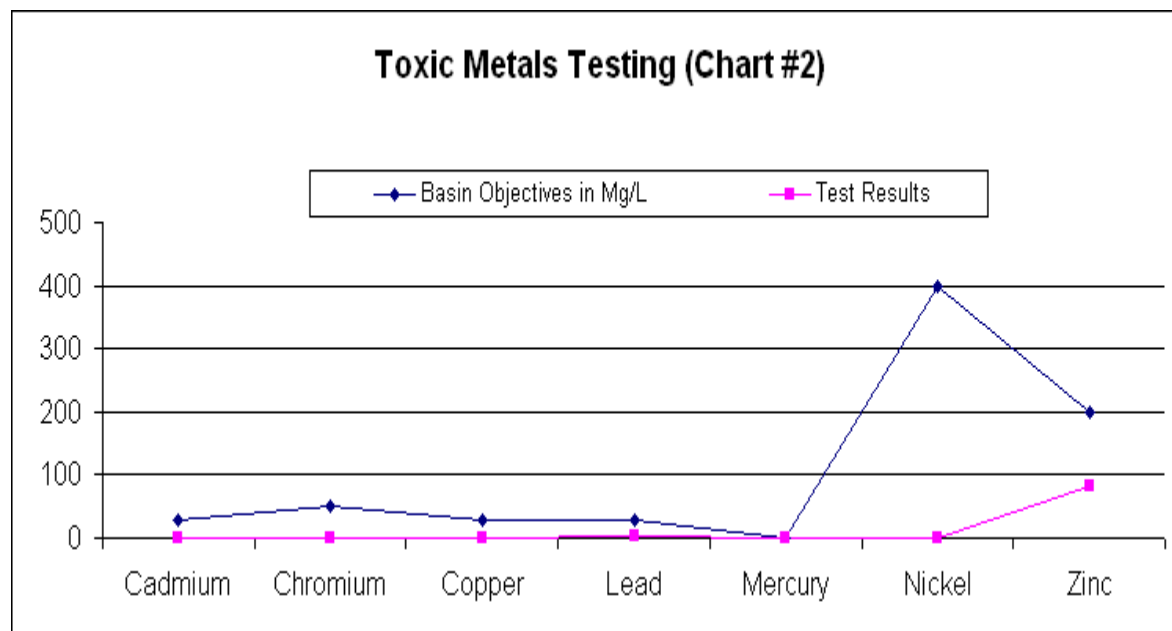
Table 3: Annual Testing Results

Analysis Performed	Outfall No. 1: Retention Pond along Gablian Street & Toledo - Collection Date (3/14/06)	Outfall No. 2: Detention Basin - Santana Park (Prado and Gablian Dr.) - Collection Date (3/14/06)	Outfall No. 3: Veterans Memorial Park at Gablian Dr. & San Vicente - Collection Date (3/14/06)	Outfall No. 4: Retention Pond along Front Street & Hwy 101 - Collection Date (3/14/06)	Outfall No. 5: City Treatment Plant Area - headwork - Collection Date (3/14/06)	Outfall No. 6: Nestles Road Outfall - Front & Nestles - Collection Date (3/14/06)	Outfall No. 7: Detention Pond at Market Street & San Vicente - Collection Date (3/14/06)
Ammonia (N) mg/l	0.09	0.51	Pond dried, no collection done	0.17	0.22	0.18	0.2
Coliform Fecal #/100 ml	1400	130	Pond dried, no collection done	1700	2200	900	5000
Coliform Total #/100 ml	9000	>=16000	Pond dried, no collection done	>=16000	>=16000	>=16000	>=16000
Conductivity umho/cm	130	70	Pond dried, no collection done	116	130	100	116
Copper (Cu) ug/L	ND	ND	Pond dried, no collection done	ND	ND	ND	ND
Lead (Pb) ug/L	ND	12	Pond dried, no collection done	8	ND	ND	ND
MBAS surfactants mg/l	0.26	ND	Pond dried, no collection done	ND	0.05	ND	0.12
NO3 mg/L	1	1	Pond dried, no collection done	2	87	2	ND
Oil & Grease mg/L	1	2.6	Pond dried, no collection done	1.3	2.9	3.7	3
Orthophosphate (P) mg/l	0.11	0.14	Pond dried, no collection done	0.25	0.31	0.17	0.15
PH Std Units	7.8	7.4	Pond dried, no collection done	7.5	7.4	7.6	7.7
Total Kjeldahl Nitrogen ug/L	ND	1.6	Pond dried, no collection done	ND	1.6	1.4	ND
Total Organic Carbon mg/L	6.7	8	Pond dried, no collection done	6.4	14	12	13
Total Phenol	No tested, incorrect sample container	No tested, incorrect sample container	Pond dried, no collection done	ND	ND	ND	ND
Total Suspended Solids mg/l	7	327	Pond dried, no collection done	85	58	143	26
Turbidity NTU	18	350	Pond dried, no collection done	200	85	200	70
Zinc ug/L	ND	188	Pond dried, no collection done	144	63	101	ND
(DO) mg/L	10.5	9	Pond dried, no collection done	10.4	9.7	10	10.2

Table #4 Median Ground Water Objectives per Salinas Basin Plan

Salinas River Lower Forebay Sub-basin		
Tested	Objective	Ave. Results
TDS	1500	55.2
Cl	250	5
SO ₄	850	2
B	0.5	0.02
Na	150	15.5
Nitrogen as N	8	0.77
Toxic Metals Concentration		
Tested	Objective	
Cadmium	30	0.5
Chromium	50	0.5
Copper	30	0.5
Lead	30	3.3
Mercury	0.2	0.01
Nickel	400	0.5
Zinc	200	82.7

Graph 1: Median Ground Water Objectives per Salinas Basin Plan – Chart#1

Graph 2: Median Ground Water Objectives per Salinas Basin Plan – Chart #2

The basin objectives for all inland surface water, enclosed bays and statuaries are listed in the General Objectives II.A.2 of Chapter 3. Water Quality Objectives and below is the list of the general objectives.

Color

Waters shall be free of coloration that causes nuisance or adversely affects beneficial uses. Coloration attributable to materials of waste origin shall not be greater than 15 units or 10 percent above natural background color, whichever is greater.

Tastes and Odors

Waters shall not contain taste or odor-producing substances in concentrations that impart undesirable tastes or odors to fish flesh or other edible products of aquatic origin, that cause nuisance, or that adversely affect beneficial uses.

Floating Material

Waters shall not contain floating material, including solids, liquids, foams, and scum, in concentrations that cause nuisance or adversely affect beneficial uses.

Suspended Material

Waters shall not contain suspended material in concentrations that cause nuisance or adversely affect beneficial uses.

Settleable Material

Waters shall not contain settleable material in concentrations that result in deposition of material that causes nuisance or adversely affects beneficial uses.

Oil and Grease

Waters shall not contain oils, greases, waxes, or other similar materials in concentrations that result in a visible film or coating on the surface of the water or on objects in the water, that cause nuisance, or that otherwise adversely affect beneficial uses.

Biostimulatory Substances

Waters shall not contain biostimulatory substances in concentrations that promote aquatic growths to the extent that such growths cause nuisance or adversely affect beneficial uses.

Sediment

The suspended sediment load and suspended sediment discharge rate of surface waters shall not be altered in such a manner as to cause nuisance or adversely affect beneficial uses.

Turbidity

Waters shall be free of changes in turbidity that cause nuisance or adversely affect beneficial uses.

Increase in turbidity attributable to controllable water quality factors shall not exceed the following limits:

- 1- Where natural turbidity is between 0 and 50 Jackson Turbidity Units (JTU), increases shall not exceed 20 percent.
- 2.- Where natural turbidity is between 50 and 100 JTU, increases shall not exceed 10 JTU.
- 3- Where natural turbidity is greater than 100 JTU, increases shall not exceed 10 percent.

Allowable zones of dilution within which higher concentrations will be tolerated will be defined for each discharge in discharge permits.

pH

For waters not mentioned by a specific beneficial use, the pH value shall not be depressed below 7.0 or raised above 8.5.

Dissolved Oxygen

For waters not mentioned by a specific beneficial use, dissolved oxygen concentration shall not be reduced below 5.0 mg/l at any time. Median values should not fall below 85 percent saturation as a result of controllable water quality conditions.

Temperature

Temperature objectives for Enclosed Bays and Estuaries are as specified in the "Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California" including any revisions thereto.

Natural receiving water temperature of intrastate waters shall not be altered unless it can be demonstrated to the satisfaction of the Regional Board that such alteration in temperature does not adversely affect beneficial uses.

Toxicity

All waters shall be maintained free of toxic substances in concentrations which are toxic to, or which produce detrimental physiological responses in, human, plant, animal, or aquatic life. Compliance with this objective will be determined by use of indicator organisms, analyses of species diversity, population density, growth anomalies, toxicity bioassays of appropriate duration, or other appropriate methods as specified by the Regional Board. Survival of aquatic life in surface waters subjected to a waste discharge or other controllable water quality conditions, shall not be less than that for the same water body in areas unaffected by the waste discharge or, when necessary, for other control water that is consistent with the requirements for "experimental water" as described in Standard Methods for the Examination of Water and Wastewater, latest edition. As a minimum, compliance with this objective shall be evaluated with a 96-hour bioassay.

In addition, effluent limits based upon acute bioassays of effluents will be prescribed where appropriate, additional numerical receiving water objectives for specific toxicants will be established as sufficient data become available, and source control of toxic substances is encouraged.

The discharge of wastes shall not cause concentrations of unionized ammonia (NH₃) to exceed 0.025 mg/l (as N) in receiving waters.

Waters shall not contain organic substances in concentrations greater than the following:

Methylene Blue

Activated Substances 0.2 mg/l

Phenols 0.1 mg/l

PCB's 0.3 mg/l

Phthalate Esters 0.002 mg/l

Radioactivity

Radionuclides shall not be present in concentrations that are deleterious to human, plant, animal, or aquatic life; or result in the accumulation of radionuclides in the food web to an extent which presents a hazard to human, plant, animal, or aquatic life.

COLD FRESHWATER HABITAT (COLD)***pH***

The pH value shall not be depressed below 7.0 or raised above 8.5. Changes in normal ambient pH levels shall not exceed 0.5 in fresh waters.

Dissolved Oxygen

The dissolved oxygen concentration shall not be reduced below 7.0 mg/l at any time.

Temperature

At no time or place shall the temperature be increased by more than 5oF above natural

receiving water temperature.

Chemical Constituents

Waters shall not contain concentrations of chemical constituents known to be deleterious to fish or wildlife in excess of the limits listed in Table 3-5.

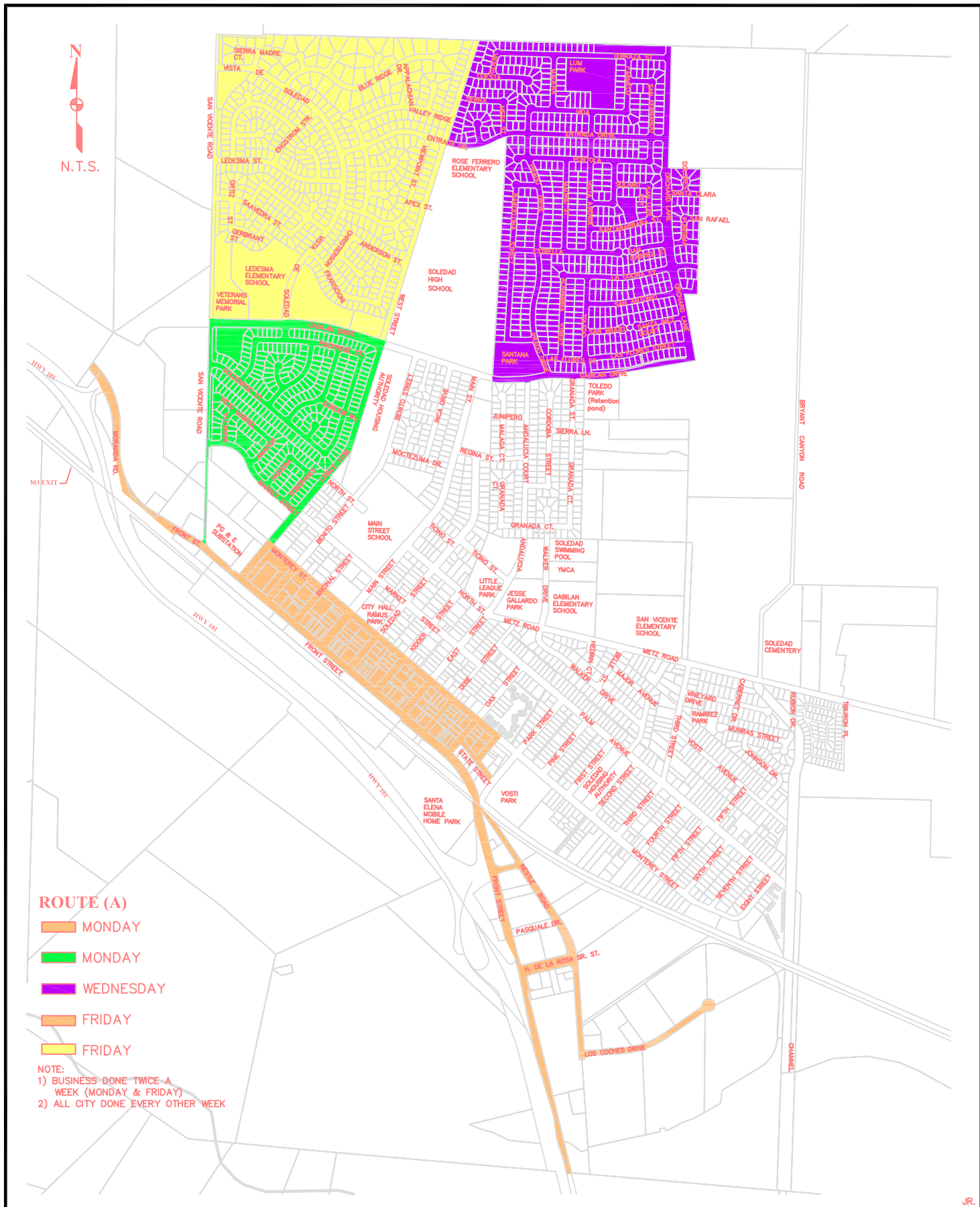
FISH SPAWNING (SPWN)

Cadmium

Cadmium shall not exceed .003 mg/l in hard water or .0004 mg/l in soft water at any time. (Hard water is defined as water exceeding 100 mg/l CaCO₃.)

Dissolved Oxygen

The dissolved oxygen concentration shall not be reduced below 7.0 mg/l at any time.

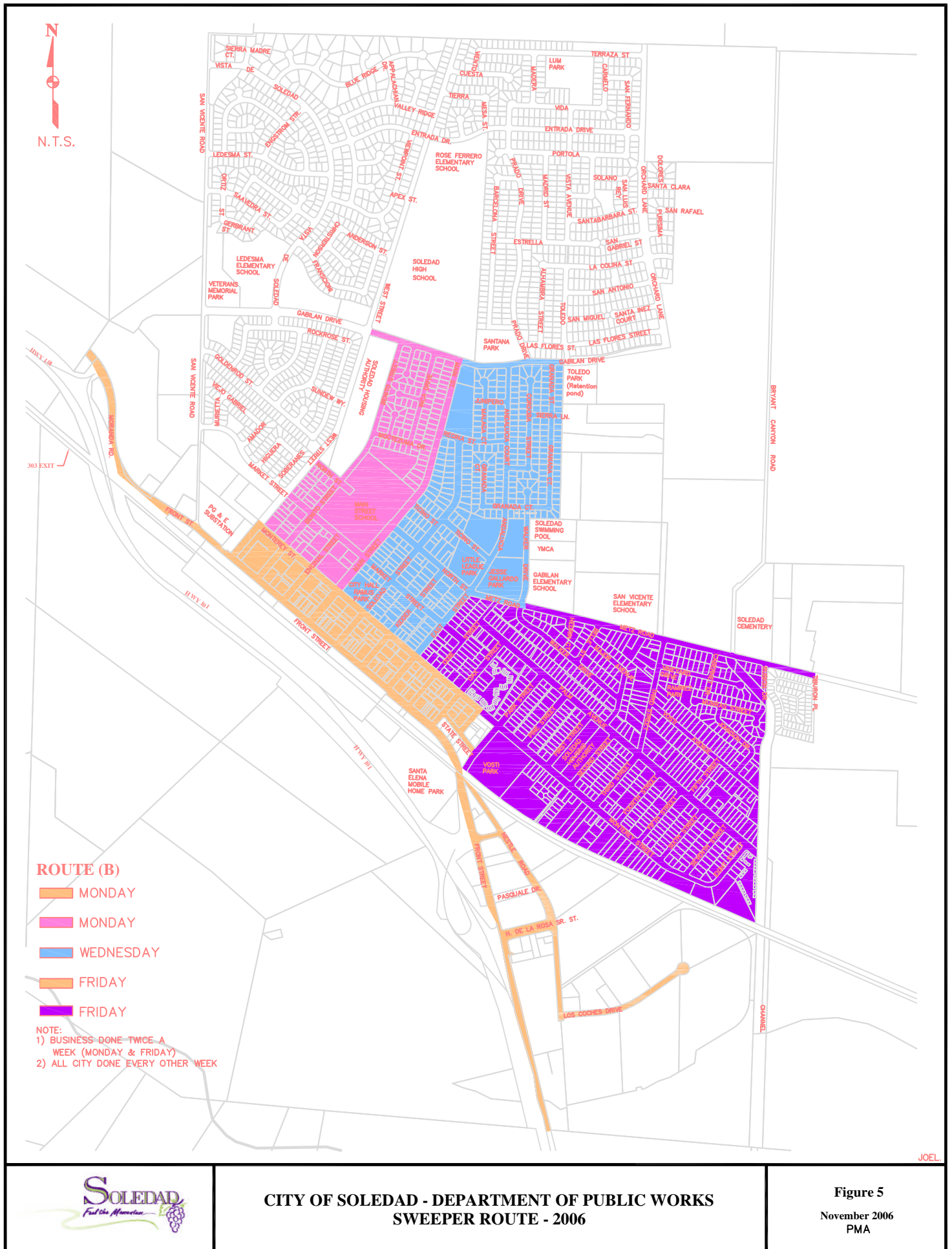


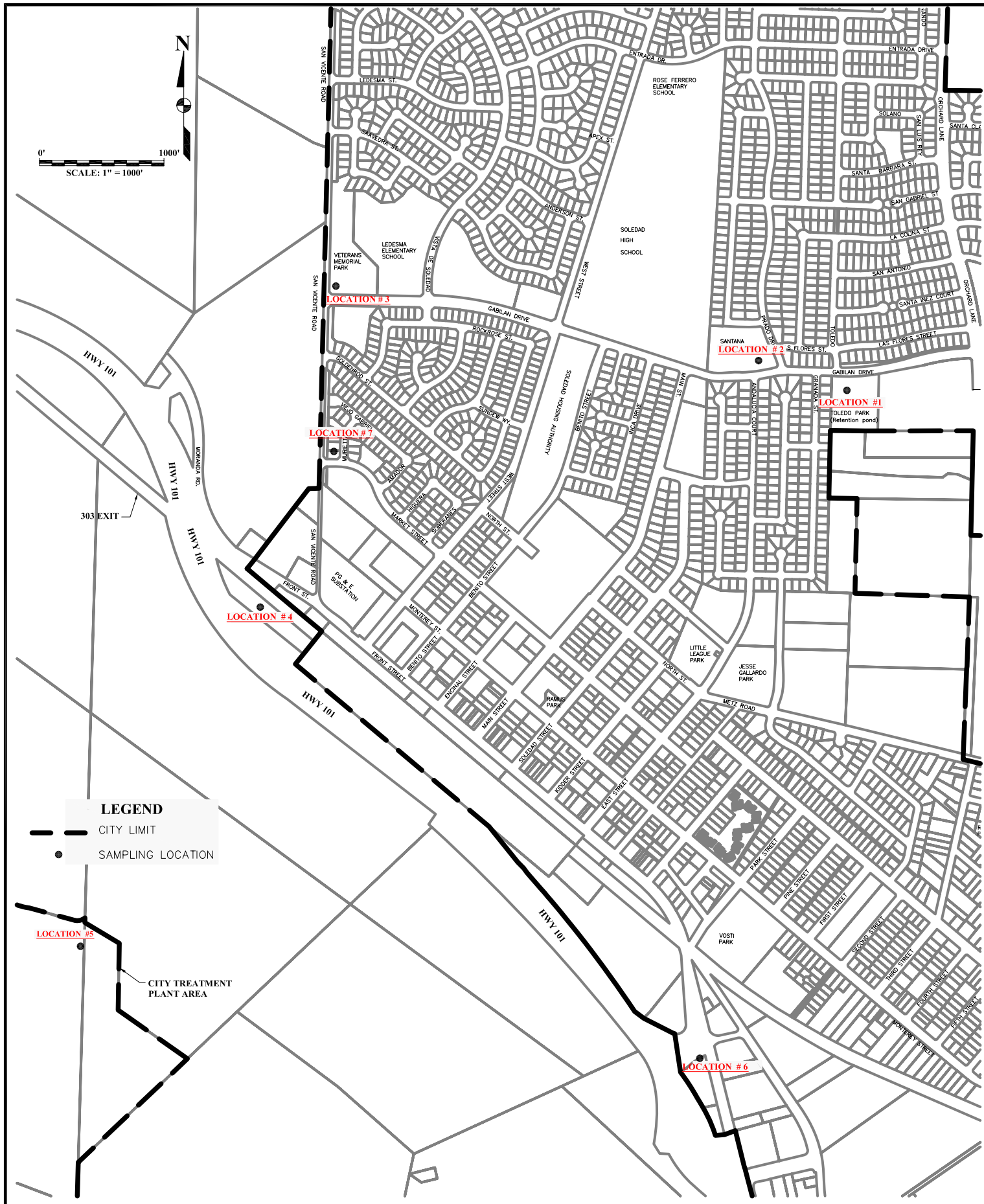
JR.



CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS SWEEPER ROUTE - 2006

Figure 4
November 2006
PMA





**CITY OF SOLEDAD - DEPARTMENT OF PUBLIC WORKS
STORM WATER RUNOFF SAMPLING LOCATION**

Figure 6
November 2006
PMA

c. Summary

Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

The following chart outlines the City's activities that will be implemented within the Pollution Prevention Housekeeping for Municipal Operations.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
6.1 Street sweeping	MG: Schedule prepared, volume of removed materials documented		√	100% completed	On going practice
6.2 Routine cleaning of drainage inlets	Permit Year 1: City will have a log of each inlet in storm drainage system with cleaning tallies beginning Fall of First Permit Year MG: 100% inlets logged		√	100% completed	On going practice
6.3 Guidelines for cleaning of vehicle parts	Permit Year 1: City will develop log by Summer First Permit Year. MG: Log developed		√	100% completed	On going practice
6.4 Used oil disposal	Permit Year 1: City will develop log by Summer First Permit Year MG: Log developed		√	100% completed	On going practice
<u>6.5 Hazardous materials storage</u>	MG: 100% hazardous materials stored in proper facility and per proper guidelines		√	100% completed.	On going practice
6.6 Hazardous materials training for City employees	Permit Years 1-5: City will have sign-up sheet for staff at each PW safety training by Winter of First Permit Year MG: 75% PW Staff attending min. 12 Haz mat trainings/yr		√	100% completed. The Public Works Department, the Police Department and Fire Department had their first joint Haz mat training class during the summer of the second permit year.	On going practice
6.7 Employee training on storm water management and BMPs	Permit Year 2: First training session held at PW staff meeting addressing new information taught to Inspector by Summer Second Permit Year MG: Training session held; 50% PW staff in attendance for training session.		√	100% completed The e training was held on August 15, 2006 and September 11, 2006.	On going practice
6.8 Spill response	MG: 100% spills responded to		√	100% completed	On going practice

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
6.9 Record keeping of spills, leaks, and other discharges at a facility	MG: 100% occurrences documented		√	100% completed. The City currently logs the invoices of the companies that perform the cleanup. More formalized documentation is being developed.	On going practice
6.10 <u>Staff Survey</u>	Questionnaire will be distributed by June 30 and collected by July 15 (each year) beginning in Third Permit Year. SWMP reporting to RWQCB in September each year will incorporate findings. MG: 75% of City PW staff to provide feedback; plan to address feedback developed and incorporated into the SWMP.		√	No.	Implementation will start during the third year of the permit
6.11 Annual Testing for Pollutants of Concern	Testing to begin in First Permit Year MG: Volume pollutants prevented from leaving City limits calculated; reduction in pollutant levels present in samples determined, plans for applying data to SWMP activities developed.		√	100% completed	On going practice

Section 4. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Permittee (legally responsible person)

Date Signed

Clifton W. Price

Dec 7, 2006

Clifton W. Price

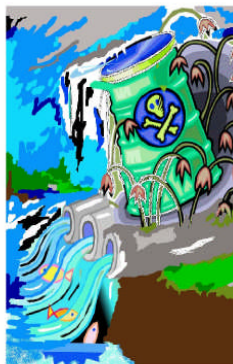
Public Works Director

APPENDIX A

Brochures English & Spanish - Examples

English Brochure

Stop Storm Water Runoff Pollution! ■



Help our community

Help Our Community, Stop Storm Water Runoff Pollution! ■

City of Soledad
248 Main Street
Soledad, CA 93960
Phone (831) 678-3963
Fax (831) 679-3965
<http://www.cityofsoledad.com>

TO REPORT CLOGGED GATCH BASINS, CALL:
City of Soledad Public Works Department at (831) 678-3963
Between 8:00 A.M. to 5:00 P.M.
After 5:00 P.M. call (831) 678-3963 extension 121

TO REPORT ILLEGAL DUMPING CALL:
City of Soledad Public Works Department at (831) 678-3963
Between 8:00 A.M. to 5:00 P.M.
After 5:00 P.M. call (831) 678-3963 extension 121

TO RECYCLE USED MOTOR OIL CALL:
T&C Tires Disposal and Recycle Service at (888) 678-6798

TO DISPOSE OF HOUSEHOLD HAZARDOUS WASTE CALL:
Johnson HAW Collection Facility, Salinas Valley Solid Waste
Authority (Hazardous) at (831) 825-7143
Sun Street HAW Facility, Salinas Valley Solid Waste Authority
Disposal at (831) 424-6502

The City of Soledad Storm Water Management Plan ■



Protect the
Environment, Stop
Storm Water Pollution!

WHAT IS THE OBJECTIVE? ■

The City of Soledad developed and adopted the Storm Water Management Plan (SWMP) in 2004.

The objective of the SWMP is to protect the storm water quality by limiting the entrance of pollutants into the City of Soledad storm water system.

WHAT IS RUNOFF?

Runoff is water from rain, agricultural or landscape irrigation, or from other sources that flows over the paved surface.

WHAT IS STORM WATER POLLUTION?

When the storm water runoff flows over impervious surfaces; such as pavements, roofs, compacted soils and rock outcrops, it can collect debris, chemicals, dirt, and other pollutants. For example, automobile oil, grease and debris can be carried by storm water runoff into any water body causing pollution and adverse effects on plants, fish, animals and people.

WHAT IS A NONPOINT SOURCE POLLUTANT?

Nonpoint source pollutants are pollutants that cannot be traced to a single pipe, or single point of source.

IS STORM WATER TREATED? ■

The storm water that is collected and transported in the storm drain system flows directly to the river or ocean without any treatment. The final destination of any pollutant that is illegally discharged into the storm drain system is our rivers and oceans!

REDUCING STORM WATER RUNOFF IN OUR COMMUNITY

You can prevent pollution by doing some of the following household and automobile activities:

HOUSEHOLD & HOME ACTIVITIES

- 1) Never discharge anything down the storm drain system.
- 2) Sweep paved areas to keep waste away from the storm water system. Do not use water to clean your sidewalks or driveways.
- 3) Clean up your pet waste
- 4) Buy less toxic household products.
- 5) Store all toxic products and use them properly.
- 6) Filter and reuse paint thinner or brush cleaners.
- 7) Take unwanted paints, cleaners and chemicals to an approved Household Hazardous Waste Facility.

PERSONAL AUTOMOTIVE CARE ■

- 1) Recycle used motor oil and antifreeze.
- 2) Inspect and maintain your car to reduce leakage of oil, antifreeze and other fluids.
- 3) Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.



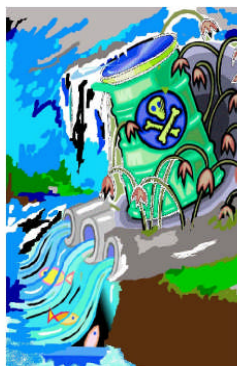
PET CARE ACTIVITIES THAT PREVENT STORM WATER POLLUTION.



- 1) Carry a pooper-scooper or plastic bag with you to pick up your pet's waste when walking your dog. Pet's waste can be washed up into the storm drain system.
- 2) Dispose pet waste by flushing it down the toilet or placing it in the trash.

Spanish Brochure

¡Pare el Derrame de Agua Contaminada a las Alcantarillas de Tormenta! ■



Ayude a nuestra comunidad

CUAL ES EL OBJETIVO?

La Ciudad de Soledad desarrollo y adopto el Plan de Gerencia de Alcantarillas de Tormenta (SWMP) en el 2004.

El objetivo del SWMP es de proteger la calidad de agua a las alcantarillas de tormenta limitado la entrada de contaminación al sistema de alcantarillas de la Ciudad de Soledad.

¿QUE ES DERRAME DE AGUA?

El derrame de agua es causado por la lluvia, agricultura o irrigación del jardín, o de otras fuentes que fluyen sobre las superficies en pavimentadas.

¿QUE ES LA CONTAMINACIÓN DE AGUA DE TORMENTA?

Quando el agua fluye sobre superficies impermeables, por ejemplo los pavimentos, techos, los suelos condensados y los afloramientos de roca, la corriente puede recoger los escombros, productos químicos, suciedad, y otros contaminantes. Por ejemplo, el aceite de automóvil, la grasa y escombros se pueden derramar en el agua y se van a cualquier cuerpo de agua causando contaminación y efectos adversos a las plantas, los pescados, los animales y la gente.

¿QUE ES UN CONTAMINANTE SIN PUNTO DE ORIGEN?

Un contaminante sin punto de origen es un contaminante que no puede ser localizado en una sola pipa, o un solo lugar de origen.

Ayude a Nuestra Comunidad, Pare el Derrame de Agua Contaminada a las Alcantarillas de Tormenta! ■

City of Soledad
248 Main Street
Soledad, CA 93960
Phone (831) 678-3963
Fax (831) 679-3965
<http://www.cityofsoledad.com>

PARA REPORTAR OBSTRUCCIONES EN LAS PALANGANAS, LLAME AL:
Departamento de Obras Públicas de la Ciudad de Soledad (831) 678-3963 entre 8:00 A.M. a 5:00 P.M.
Después de las 5:00 P.M. llame al (831) 678-3963 extensión 121

PARA REPORTAR DESECHO LEGAL LLAME AL:
Departamento de Obras Públicas de la Ciudad de Soledad (831) 678-3963 entre 8:00 A.M. a 5:00 P.M.
Después de las 5:00 P.M. llame al (831) 678-3963 extensión 121

PARA RECICLAR ACEITE USADO DE MOTOR LLAME AL:
Servicio de Reciclaje y Desechos Tri-Cities al (888) 678-6796

PARA DESECHAR DESPERDICIOS PELIGROSOS LLAME A:
Johnson H&W Collection Facility, Salinas Valley Solid Waste Authority Disposal al (831) 875-2143
Sun Street H&W Facility, Salinas Valley Solid Waste Authority Disposal al (831) 424-5220

Plan De Gerencia De Alcantarillas de Tormenta De La Ciudad De Soledad ■



¡Proteja el ambiente, Pare la contaminación!

¿ES TRATADA EL AGUA DE TORMENTA? ■

El agua de tormenta es colectada y transportada en el sistema de drenaje de tormenta o alcantarillas que fluye directamente al río u océano sin ningún tratamiento. ¡El destino final de cualquier contaminante que es desechado ilegalmente en el sistema de alcantarillas de tormenta termina en nuestros ríos y océanos!

REDUCIENDO EL DERRAME DE AGUA DE TORMENTA EN NUESTRA COMUNIDAD

Usted puede prevenir la contaminación haciendo lo siguiente con sus actividades en la casa y con su automóvil:

ACTIVIDADES DE CASA

- 1) Nunca deseché cualquier cosa dentro del sistema de alcantarilla de tormenta.
- 2) Barra las áreas para mantener los escombros alejados del sistema de alcantarilla. No utilice el agua para limpiar las aceras y caminos de entrada.
- 3) Limpie el excremento de su mascota.
- 4) Compre menos productos tóxicos para la casa.
- 5) Almacene todos los productos tóxicos y úselos apropiadamente.
- 6) Filtre y use de nuevo el "thinner" de pintura o limpiadores de brochas.
- 7) Lleve las pinturas, los limpiadores y los productos químicos indeseados a una facilidad aprobada para desechos peligrosos de la casa.

CUIDADO DE SU AUTO PERSONAL ■

- 1) Recicle el aceite de motor y anticongelante usado.
- 2) Examine y mantenga su carro para reducir la salida de aceite, anticongelante y de otros líquidos.
- 3) Para lavar su carro utilice jabón comercial que trate o recicle las aguas residuales, o lave su carro en su yarda para que el agua se infiltre en la tierra.



CUIDADO DE MASCOTAS QUE PREVIENE LA CONTAMINACIÓN DEL AGUA DE TORMENTA



- 1) Lleve un recogedor o una bolsa de plástico con usted para recoger los excrementos de su perro al caminar. Los excrementos de su mascota pueden irse entre el agua al sistema de tormenta en las alcantarillas.
- 2) Deseche los excrementos de su mascota en el inodoro o en la basura.

APPENDIX B

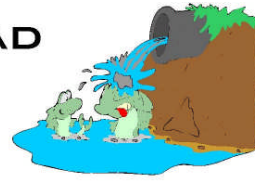
Soledad Times Articles – Examples (English & Spanish)

Article I (English & Spanish)

The Ocean Begins

CITY OF SOLEDAD

STORMWATER PROTECTION
STARTS WITH YOU



HELP OUR COMMUNITY



DON'T POUR FLUIDS INTO YOUR SEPTIC SYSTEM, SANITARY SEWER, DRY WELL, ON THE GROUND, STORM DRAIN INLETS, OR IN THE TRASH



USE A BROOM RATHER THAN A HOSE TO CLEAN UP GARDEN CLIPPINGS, DIRT AND LITTER FROM SIDEWALKS, PATIOS AND DRIVEWAY.



CONSERVE WATER AND REDUCE THE AMOUNT OF RUNOFF BY NOT OVER WATERING YOUR LAWN AND GARDEN.



KEEP UP CAR MAINTENANCE TO REDUCE LEAKAGE OF OIL, ANTI FREEZE AND OTHER FLUIDS.



WHEN CHANGING CAR FLUIDS, USE A DRIP PAN TO COLLECT ANY SPILLS. IF A SPILL OCCURS, SOAK IT UP USING AN ABSORBENT MATERIAL SUCH AS KITTY LITTER OR SAWDUST AND DISPOSE OF IT PROPERLY.



TO REPORT CLOGGED CATCH BASINS, CALL:
City of Soledad Public Works Department (831) 678-3963

TO REPORT ILLEGAL DUMPING CALL:
City of Soledad Public Works Department at (831) 678-3963 between 8:00 A.M to 5:00 P.M. and (831)755-5111 for other hours

TO RECYCLED USED MOTOR OIL CALL:
Tri-Cities Disposal and Recycle Service at (888) 678-6798

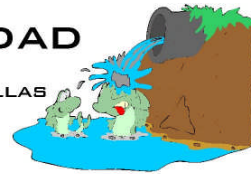
TO DISPOSE HOUSEHOLD HAZARDOUS WASTE CALL:
Johnson Canyon Landfill, Salinas Valley Solid Waste Authority Disposal at (831) 675-2165

In Your Neighborhood

El Océano Comienza

CIUDAD DE SOLEDAD

LA PROTECCIÓN DE LAS ALCANTARILLAS
COMIENZA CON USTED



AYUDE A SU COMUNIDAD



NO ECHE LÍQUIDOS EN SU SISTEMA SÉPTICO, DRENAJE DE SANITARIO, POZO SECO, LA TIERRA, ALCANTARILLAS, O EN LA BASURA.



UTILICE UNA ESCOBA EN LUGAR DE UNA MANGUERA PARA LIMPIAR RECORTES DE JARDÍN, TIERRA Y BASURA DE LAS ACERAS, PATIOS Y CAMINO DE ENTRADA.



CONSERVE AGUA Y REDUZCA LA CANTIDAD DE AGUA DESPERDICIAA, NO SOBRE RIEGUE SU CÉSPED Y JARDÍN.



CONTINUÉ EL MANTENIMIENTO DE SU COCHE PAR REDUCIR EL GOTEO DE ACEITE, ANTI-CONGELANTE Y OTRO LÍQUIDOS.



CUANDO CAMBIE LOS LÍQUIDOS DE SU COCHE, UTILICE UNA CACEROLA PARA RECOGER CUALQUIER DERRAME. SI OCURRE, RECOJA EL LIQUIDO CON UN MATERIAL ABSORBENTE TAL COMO ASERRÍN Y DESÉCHELO APROPIADAMENTE.



PARA REPORTAR OBSTRUCCIONES EN DRENAJES, LLAME AL:
Departamento de Obras Publicas de la Ciudad de Soledad (831) 678-3963

PARA REPORTAR DESECHO LEGAL LLAME AL:
Departamento de Obras Publicas de la Ciudad de Soledad (831) 678-3963 entre 8:00 A.M a 5:00 P.M. y al (831)755-5111 en otras horas

PARA RECICLAR ACEITE USADO DE MOTOR LLAME AL:
Servicio de Reciclaje y Desechos Tri-Cities al (888) 678-6798

PARA DESECHAR DESPERDICIOS PELIGROSOS LLAME A:
Johnson Canyon Landfill, Salinas Valley Solid Waste Authority Disposal al (831) 675-2165

En su Vecindad

Article 2 (English & Spanish)



Help our community,
Stop Stormwater Pollution!
You can help us by doing the following:



Store engines, transmissions, and other oil parts inside proper containers, keep them away from the rain



Never place battery acid on the ground or into a storm drain



Inspect your car for leaks, and recycle motor oil



Sweep up driveways and side-walks, do not use water



Use fertilizers and pesticides sparingly. Avoid application if the forecast calls for rain.



Wash your car at the car wash instead of washing it in the driveway



When doing outdoor projects, protect the storm drains from debris and other materials.

TO REPORT CLOGGED CATCH BASINS, CALL:
City of Soledad Public Works Department at (831) 675-3963 between 8:00 A.M. to 5:00 P.M.
After 5:00 P.M. call (831) 675-3963 extension 121

TO REPORT ILLEGAL DUMPING CALL:
City of Soledad Public Works Department at (831) 675-3963 between 8:00 A.M. to 5:00 P.M.
After 5:00 P.M. call (831) 675-3963 extension 121

TO RECYCLE USED MOTOR OIL CALL:
Tri-Cities Oilchange and Recycling Service at (888) 675-6798

TO DISPOSE HOUSEHOLD HAZARDOUS WASTE CALL:
Johnson Canyon Landfill, Salinas Valley Solid Waste Authority Disposal at (831) 675-2165

The City of Soledad **is counting on you!**



Ayude a nuestra comunidad,
¡No Contamine las Alcantarillas!
Usted puede ayudarnos haciendo lo siguiente :



Almacene los motores, transmisiones y otras piezas de aceite dentro de los envases apropiados, mantengalos fuera de la lluvia



Nunca coloque el ácido de batería en la tierra o en los drenajes



Examine su coche para saber si gotea, y recicle el aceite de motor



Barra la entrada de su cochera y las aceras, no use el agua



Utilice los fertilizantes y los pesticidas escasamente. Evite usarlos si se pronostica lluvia



Lave su coche en el auto lavado en vez de lavarlo en la entrada de la cochera



Cuando haga proyectos al aire libre, proteja el drenaje de basura y otros materiales

PARA REPORTAR OSTRUCCIONES EN DRENAJES, LLAME AL:
Departamento de Obras Públicas de la Ciudad de Soledad (831) 675-3963 entre las 8:00 A.M. a las 5:00 P.M.
Después de las 5:00 P.M. llame al (831) 675-3963 extensión 121

PARA REPORTAR DESECHO LEGAL, LLAME AL:
Departamento de Obras Públicas de la Ciudad de Soledad (831) 675-3963 entre las 8:00 A.M. a las 5:00 P.M.
Después de las 5:00 P.M. llame al (831) 675-3963 extensión 121


PARA RECICLAR ACEITE USADO DE MOTOR LLAME AL:
Servicio de Reciclaje y Desechos Tri-Cities al (888) 675-6798

PARA DESECHAR DESPERDICIOS PELIGROSOS LLAME AL:
Johnson Canyon Landfill, Salinas Valley Solid Waste Authority Disposal at (831) 675-2165

La Ciudad de Soledad, **¡está contando con usted!**

Article 3 (English & Spanish)

**Help our community,
Stop Storm Water Pollution!**





WHAT IS STORM WATER POLLUTION?

When the storm water runoff flows over impervious surfaces; such as pavements, roofs, compacted soils and rock outcrops, it can collect debris, chemicals, dirt, and other pollutants. For example, automobile oil, grease and debris can be carried by storm water runoff into any water body causing pollution and adverse effects on plants, fish, animals and people.

Our rivers and oceans are the final route of any pollutant that is illegally discharged into the storm drain system because storm water is **not** treated. **Everything that flows into a storm drain system goes untreated directly into our rivers, lakes and oceans!**

The raining season is just around the corner, and you can help us prevent storm water pollution by doing the following during your daily activities:

-  **Use a broom rather than a hose to clean up garden clippings, dirt and litter from sidewalks, patios and driveway.**
-  **Please, do not allow your pet waste to get in the gutters or storm drains.**
-  **Have your car inspected and maintained regularly to reduce leakage of oil, antifreeze and other fluids.**
-  **Properly use and store all hazardous household products, including cleaners, solvents and paints.**
-  **When washing your car, please use biodegradable soap using as little water as possible. Shut off the hose while washing your car and then rinse.**

**Remember, only RAIN
Down the Storm Drain
System!**

TO REPORT CLOSED AUTO WASH:
EMAIL: City of Soledad, 4000 Highway 101, Soledad, CA 95068
PHONE: (408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

TO REPORT ILLEGAL DUMPING:
EMAIL: City of Soledad, 4000 Highway 101, Soledad, CA 95068
PHONE: (408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

TO PREVENT USED MOTOR OIL:
EMAIL: City of Soledad, 4000 Highway 101, Soledad, CA 95068
PHONE: (408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

TO DISPOSE HAZARDOUS/HAZARDOUS WASTE:
EMAIL: City of Soledad, 4000 Highway 101, Soledad, CA 95068
PHONE: (408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

**Ayude a nuestra comunidad,
Pare la Contaminación
del Agua de Tormenta!**



QUE ES LA CONTAMINACION DE AGUA DE TORMENTA?

Cuando la agua fluye sobre superficies impermeables; Por ejemplo los pavimentos, techos, los suelos condensados y los afloramientos de roca, la corriente puede recoger los escombros, productos químicos, suciedad, y otros contaminantes.

Por ejemplo, el aceite de automóvil, la grasa y escombros se pueden derramar en el agua y se van a cualquier cuerpo de agua causando contaminación y efectos adversos a las plantas, los pescados, los animales y la gente.

Nuestros rios y océanos son el destino final de cualquier agente contaminador que se descarga ilegalmente en el sistema de alcantarillas de tormenta porque el agua de tormenta **no** es tratada. **Todo lo que fluye en el sistema de las alcantarillas de tormenta que no se ha tratado va directamente a nuestros rios, lagos y océanos!**

La temporada de lluvia esta justo alrededor de la esquina, y usted puede ayudarnos a prevenir la contaminación del agua de tormenta haciendo lo siguiente durante sus actividades diarias:

-  **Utilice una escoba en lugar de una manguera para limpiar los recortes del jardín, tierra y escombros de las aceras, patios y caminos de entrada.**
-  **Por favor, no permita que su excremento de su mascota entre a las cunetas o alcantarillas.**
-  **Regularmente examine y mantenga su carro para reducir la salida de aceite, anticongelante y otros líquidos.**
-  **Utilice y almacene correctamente todos los productos peligrosos de la casa, incluyendo limpiadores, los solventes y las pinturas.**
-  **Al lavar su carro, por favor utilice el jabón biodegradable usando y poca agua como sea posible. Apague la manguera mientras que lava su carro y después enjuáguelo.**

**Recuerde, solamente lluvia
Dentro del sistema de
alcantarillas!**

PARA REPORTAR OBSTRUCCIONES EN LAS TALLERES:
LLAME AL: Departamento de Obras Públicas de la Ciudad de Soledad
(408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

PARA REPORTAR DERRAMES ILICITOS:
LLAME AL: Departamento de Obras Públicas de la Ciudad de Soledad
(408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

PARA RECICLAR ACEITE USADO DE MOTOR:
LLAME AL: Servicio de Reciclaje y
Desecho de la Ciudad de Soledad
(408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

PARA DERRAMAR DERRAMOS PELIGROSOS:
LLAME AL: Servicio de Reciclaje y
Desecho de la Ciudad de Soledad
(408) 735-2222 ext. 4000
FAX: (408) 735-2222 ext. 4000

APPENDIX C

Soledad Outfalls



Outfall Number 1
Retention Pond along Gabilan Street

Area is cleaned and maintain by the City.

No major structure damage was noticed. Sediments, debris and high weeds around the outfall area were found during the inspection. The Public Works Department maintains the outfall area periodically.

This outfall is located at a retention pond along Gabilan Street. The retention pond receives the water from the subdivision of Miravale I, Phase I, II and III that are located to the northeast of Toledo Street to the east side of Orchard Lane and from Gabilan Drive to the north end of the City, and this outfall will be receiving the runoff from the new subdivision Miravale II, Unit I. This retention pond is not connected to the rest of the City storm water system, and the storm water that enters the retention pond stays in this retention pond. The City plans to connect these storm drainage systems from these subdivisions to the rest of the City's storm water system when the storm water drainage system's capacity along Gabilan Drive and San Vicente Road will be retrofitted by increasing the sizes of the pipes.

Outfall Number 2
Detention Pond at Santana Park

The outfall Number 2 is located at Santana Park. The outfall structure did not show any structural damage, sediments inside the outfall were found during the inspection. The Public Works Department maintains the outfall area periodically.



converge at the intersection of West and Front Street. of the Soledad Waste Water Treatment Plant.



This outfall is a detention pond that receives the storm water runoff from the subdivision located between the westside of Toledo to Barcelona Street from Gabilan Drive to Portola Drive. After the detention pond exceeds the maximum capacity, this runoff is transported from Gabilan Drive to the intersection of Front and West Street Street. Runoffs from Andalucia Drive, North Street, Main and West Street also

Outfall Number 3
Detention Pond at Veterans Memorial Park



Outfall number 3 is located at the detention pond at the Veterans Memorial park.

Structure was not damaged and no sediments or debris were found inside or outside the structure.

The Public Works Department maintains the outfall area periodically.

This detention pond receives storm water runoff from subdivisions located at Entrada Drive, Vista de Soledad, Gabilan Drive and San Vicente Road. The water is detained and then release to the San Vicente drainage system when the capacity of the basin is reached.

Outfall Number 4
Retention Pond along Front & Highway 101

The outfall at the retention pond located along Front Street & Highway 101 had debris around the area. Structure did not present any damage during the inspection. The Public Works Department maintains the outfall area periodically.

This retention pond is located along Front



Street. The storm water that enters this retention pond stays inside the pond. The drainage system in Front Street collects the runoff from the south side of Front Street flowing west from Oak Avenue, flowing south of Monterey and Market Street, west of Oak Avenue to the intersection at Front Street and West Street.





Outfall Number 5
Outfall at Treatment Plant

The main City's outfall did not show any structural damage, debris and plastic bottles were found at site. The Public Works Department maintains the outfall area periodically.

The City's outfall receives the runoff from the entire City except from the retention pond located along Gabilan Drive and the retention pond of Front Street.

The runoff is discharged to the river.

Outfall Number 6
Outfall along at intersection of Front Street & Nestles Road

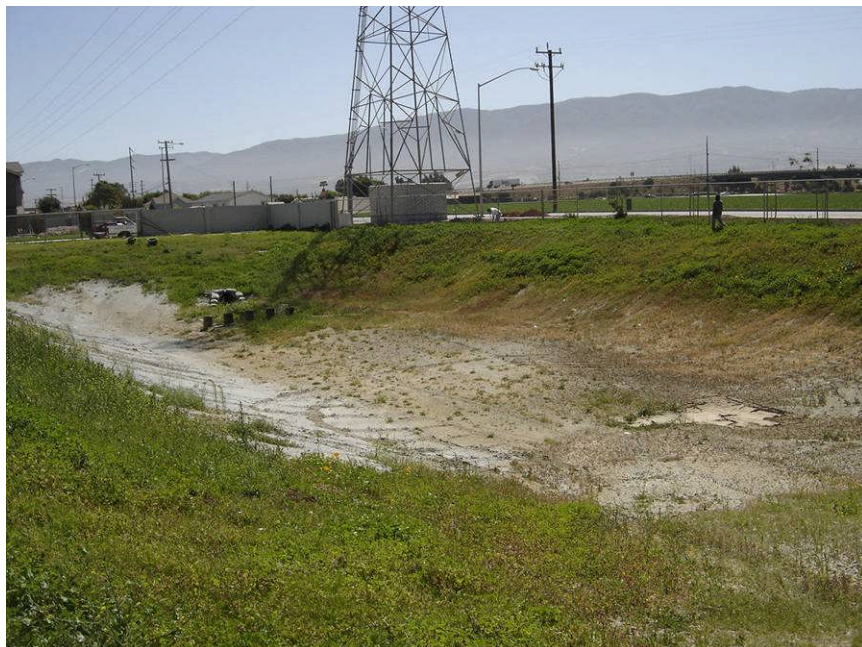


No structural damaged was noticed, weed removal was recommended to maintain the area.

This outfall receives the runoff from Monterey Street, First and Third Street, and Pine Street. The runoff is discharged into a culver that crosses under Highway 101.

Outfall Number 7

Detention Basin at Market Street & San Vicente



Detention Pond area is located at the intersection of Market Street and San Vicente. No structural damage was noticed.

The detention Pond receives the runoff from the Subdivision located between the west side of West Street to San Vicente Road and from Market Street to Viejo Gabriel, when the capacity is reached the water is released to the storm drainage system located along San Vicente Road. The detention pond will be eliminated when the capacity of the system along San Vicente Road will be increased.

APPENDIX D

Storm Drain Markers

PART II

STANDARD PLANS

NO.	TITLE	NO.	TITLE
1.	Curbs and Gutters	27.	Requirements Prior to Public Works Acceptance Inspection
1A.	Paving Requirements Adjacent to New Curb & Gutter	28.	Blank
1B.	Cross Gutters	29.	Time Requirements for Air
2.	Sidewalks	29.	Test of Sanitary Sewer
3.	Street Structural Sections	30.	Sewer Saddle Connection
4.	Access Ramps	31.	Flushing Inlet Frame and Cover
5.	Residential Drive Approach	32.	Flushing Inlet
5A.	2/3 Car Garage Driveway Approach	33.	Sewer Lateral
5B.	Commercial Drive Approach	34.	Percolation Pond Detail
6.	Driveway Approach for Roll-Type Curb	35.	Percolation Pond Designs
7.	Alley Approach and Section	36.	Blank
8.	Tree Well	37.	Street Name Signs
9.	Side Yard Detail	38.	Traffic Signs (Stop-Yield)
10.	City Monument	39.	Raised Pavement Markers and Striping
11.	Trench Safety Requirements	40.	Pavement Markings
12.	Blank	41.	Parking Standards
13.	Trench Backfill and Surface Restoration	42.	Chain Link Fence
14.	Misc. Storm Drain Details	43.	Masonry Non-Access Wall
15.	Curb Drain	44.	Wooden Barricade
16.	Type "A" Catch Basin (36")	45.	Wooden Perimeter/Property Line Fence
17.	Type "B" Catch Basin (24")	46.	Street Tree Planting
18.	Type "C" Catch Basin (36")	47.	Slope Grading
19.	Type "D" Side Opening Catch Basin	48.	Utility Service Pedestal
20.	Type "E" Top Opening Catch Basin	49.	P.C.C. Lighting Foundation
21.	Type "F" R.C.P Catch Basin	50.	Lighting Poles
21A.	Storm Drain Markers	51.	Utility Locations (Typical)
22.	Manhole Frame and Cover	52.	Typical Lot Grading
23.	Manhole Frame and Cover Adjustment	53.	Mail Box Cluster
24.	Manholes – Type "A" and "B"	54.	Site Security, Clean-up & Erosion Control
25.	Manhole – Type "C"	55.	Public Works Inspection Checklist
26.	Cast-In-Place Concrete Pipe		



Part: ORD

OBTAIN THE ABOVE STORM DRAIN MARKER FROM:

DAS MANUFACTURING, INC.
3610 CINNAMON TRACE DRIVE
VALRICO, FL 33594
800-549-6024 FAX 831-681-5807
E-MAIL: SALES@CURBMARKER.COM

1. STORM DRAIN MARKER TO BE USED ON CITY CATCH BASINS
OR OTHER AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
2. APPLY TO CATCH BASIN AT TOP OF CURB, CENTERED.
3. APPLY TO SURFACE WHICH IS FLAT, DRY AND FREE OF ANY LOOSE DEBRIS.
4. ONLY USE MANUFACTURER'S ADHESIVE, ASSURING PROPER COVERAGE
PRIOR TO APPLICATION.

DEPARTMENT OF PUBLIC WORKS

CITY OF SAN FRANCISCO

TITLE: STORM DRAIN MARKERS

STANDARD PLAN

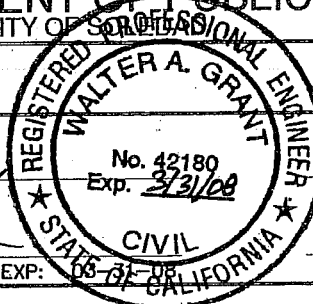
SIGNED BY:
AG

DRAWN BY:

CHECKED BY:
G

CLIFTON W. PRICE, DIRECTOR OF PUBLIC WORKS

WALTER A. GRANT, CITY ENGINEER - R.E. 42180. EXP:



DATE:

8-28-06

8-29-06

21 A

APPENDIX e

Test Results



MONTEREY COUNTY HEALTH DEPARTMENT

Consolidated Chemistry Laboratory

1270 Natividad Road Salinas, CA 93906

Phone (831)755-4516 Fax (831) 755-4652

ELAP Certification Number 1295

RECEIVED
MAY 03 2006
BY: _____

City of Soledad
P.O. Box 156
Soledad, CA 93960
Waste Water District
Attn: Clifton Price

Page 1 of 5

Monday, May 01, 2006

Lab Number: AA86883

Sample Site: WASTEWATER SIDE

Source Code:

Sample ID:

Client Code: SOLEDA-W

Collection Date/Time: 3/14/2006 7:40

Submittal Date/Time: 3/14/2006 12:39

Sample Collector: ROMERO G

Sample Comments: Routine Storm Water. Dissolved Oxygen 9.7 mg/L.

Analyte	Method	Unit	Result	PQL	Date Analyzed
Ammonia(N)	EPA350.3	mg/l	0.22	0.05	3/17/2006
Coliform; Fecal	SM9221E	#/100 ml	2200	Variable	3/14/2006
Coliform; Total	SM9221B	#/100 ml	>=16000	Variable	3/14/2006
Conductivity	EPA120.1	umho/cm	130	1	3/14/2006
Copper (Cu)	EPA200.8	ug/L	ND	0.5	3/21/2006
Lead (Pb)	EPA200.8	ug/L	ND	0.5	3/21/2006
MBAS surfactants	Subcontract	Attached	Completed	Attached	3/15/2006
NO3 (Nitrate)	EPA300	mg/L	2	1	3/14/2006
Oil & Grease	Subcontract	Attached	Completed	5	3/26/2006
Orthophosphate as P	EPA365.2	mg/l	0.31	0.03	3/15/2006
pH (Laboratory)	EPA150.1	Std Units	7.4	N/A	3/14/2006
Total Kjeldahl Nitrogen	Attached	Attached	Completed	Attached	3/21/2006
Total Organic Carbon	Attached	Attached	Completed	Attached	3/20/2006
Total Phenol	Attached	Attached	Completed	Attached	3/24/2006
Total Suspended Solids	EPA160.2	mg/l	58	5	3/16/2006
Turbidity (Laboratory)	SM2130-B	NTU	85	0.05	3/14/2006
Zinc (Zn)	EPA200.8	ug/L	63	5	3/21/2006

mg/L : Milligrams per liter (=ppm)

PQL : Practical Quantitation Limit

DLR : Detection Limit for Reporting

ug/L : Micrograms per liter (=ppb)

MCL : Maximum Contaminant Level

ND : Not Detected

* : Primary Standards

** : Secondary Standards

N/A : Not Applicable

*** : Action Level

Lab Number: AA86884

Sample Site: FRONT ST AT NESTLES

Source Code:

Sample ID:

Client Code:

Collection Date/Time: 3/14/2006 8:05

Submittal Date/Time: 3/14/2006 12:39

Sample Collector: ROMERO G

SOLEDA-W

Sample Comments: Routine Storm Water. Dissolved Oxygen 10.0 mg/L.

Analyte	Method	Unit	Result	PQL	Date Analyzed
Ammonia(N)	EPA350.3	mg/l	0.18	0.05	3/17/2006
Coliform; Fecal	SM9221E	#/100 ml	900	Variable	3/14/2006
Coliform; Total	SM9221B	#/100 ml	>=16000	Variable	3/14/2006
Conductivity	EPA120.1	umho/cm	100	1	3/14/2006
Copper (Cu)	EPA200.8	ug/L	ND	0.5	3/21/2006
Lead (Pb)	EPA200.8	ug/L	ND	0.5	3/21/2006
MBAS surfactants	Subcontract	Attached	Completed	Attached	3/15/2006
NO3 (Nitrate)	EPA300	mg/L	2	1	3/14/2006
Oil & Grease	Subcontract	Attached	Completed	5	3/26/2006
Orthophosphate as P	EPA365.2	mg/l	0.17	0.03	3/15/2006
pH (Laboratory)	EPA150.1	Std Units	7.6	N/A	3/14/2006
Total Kjeldahl Nitrogen	Attached	Attached	Completed	Attached	3/21/2006
Total Organic Carbon	Attached	Attached	Completed	Attached	3/20/2006
Total Phenol	Attached	Attached	Completed	Attached	3/24/2006
Total Suspended Solids	EPA160.2	mg/l	143	5	3/16/2006
Turbidity (Laboratory)	SM2130-B	NTU	200	0.05	3/14/2006
Zinc (Zn)	EPA200.8	ug/L	101	5	3/21/2006

Lab Number: AA86885

Sample Site: FRONT ST AT WEST ST

Source Code:

Sample ID:

Client Code:

Collection Date/Time: 3/14/2006 8:30

Submittal Date/Time: 3/14/2006 12:39

Sample Collector: ROMERO G

SOLEDA-W

Sample Comments: Routine Storm Water. Dissolved Oxygen 10.4 mg/L.

Analyte	Method	Unit	Result	PQL	Date Analyzed
Ammonia(N)	EPA350.3	mg/l	0.17	0.05	3/17/2006
Coliform; Fecal	SM9221E	#/100 ml	1700	Variable	3/14/2006
Coliform; Total	SM9221B	#/100 ml	>=16000	Variable	3/14/2006
Conductivity	EPA120.1	umho/cm	116	1	3/14/2006
Copper (Cu)	EPA200.8	ug/L	ND	0.5	3/21/2006
Lead (Pb)	EPA200.8	ug/L	8	0.5	3/21/2006
MBAS surfactants	Subcontract	Attached	Completed	Attached	3/15/2006
NO3 (Nitrate)	EPA300	mg/L	2	1	3/14/2006
Oil & Grease	Subcontract	Attached	Completed	5	3/26/2006

mg/L : Milligrams per liter (=ppm)

PQL : Practical Quantitation Limit

DLR : Detection Limit for Reporting

ug/L : Micrograms per liter (=ppb)

MCL : Maximum Contaminant Level

ND : Not Detected

* : Primary Standards

** : Secondary Standards

N/A : Not Applicable

*** : Action Level

Orthophosphate as P	EPA365.2	mg/l	0.25	0.03	3/15/2006
pH (Laboratory)	EPA150.1	Std Units	7.5	N/A	3/14/2006
Total Kjeldahl Nitrogen	Attached	Attached	Completed	Attached	3/21/2006
Total Organic Carbon	Attached	Attached	Completed	Attached	3/20/2006
Total Phenol	Attached	Attached	Completed	Attached	3/24/2006
Total Suspended Solids	EPA160.2	mg/l	85	5	3/16/2006
Turbidity (Laboratory)	SM2130-B	NTU	200	0.05	3/14/2006
Zinc (Zn)	EPA200.8	ug/L	144	5	3/21/2006

Lab Number: AA86886

Sample Site: SAN VICENTE RD AT MARKET ST

Source Code:

Sample ID:

Client Code:**SOLEDA-W**

Collection Date/Time: 3/14/2006 9:30

Submittal Date/Time: 3/14/2006 12:39

Sample Collector: ROMERO G

Sample Comments: Routine Storm Water. Dissolved Oxygen 10.2 mg/L.

Analyte	Method	Unit	Result	PQL	Date Analyzed
Ammonia(N)	EPA350.3	mg/l	0.20	0.05	3/17/2006
Coliform; Fecal	SM9221E	#/100 ml	5000	Variable	3/14/2006
Coliform; Total	SM9221B	#/100 ml	>=16000	Variable	3/14/2006
Conductivity	EPA120.1	umho/cm	116	1	3/14/2006
Copper (Cu)	EPA200.8	ug/L	ND	0.5	3/21/2006
Lead (Pb)	EPA200.8	ug/L	ND	0.5	3/21/2006
MBAS surfactants	Subcontract	Attached	Completed	Attached	3/15/2006
NO3 (Nitrate)	EPA300	mg/L	ND	1	3/14/2006
Oil & Grease	Subcontract	Attached	Completed	5	3/26/2006
Orthophosphate as P	EPA365.2	mg/l	0.15	0.03	3/15/2006
pH (Laboratory)	EPA150.1	Std Units	7.7	N/A	3/14/2006
Total Kjeldahl Nitrogen	Attached	Attached	Completed	Attached	3/21/2006
Total Organic Carbon	Attached	Attached	Completed	Attached	3/20/2006
Total Phenol	Attached	Attached	Completed	Attached	3/24/2006
Total Suspended Solids	EPA160.2	mg/l	26	5	3/16/2006
Turbidity (Laboratory)	SM2130-B	NTU	70	0.05	3/14/2006
Zinc (Zn)	EPA200.8	ug/L	ND	5	3/21/2006

Lab Number: AA86887

Sample Site: GABILAN DR AT TOLEDO ST

Source Code:

Sample ID:

Client Code:**SOLEDA-W**

Collection Date/Time: 3/14/2006 10:15

Submittal Date/Time: 3/14/2006 12:39

Sample Collector: ROMERO G

Sample Comments: Routine Storm Water. Dissolved Oxygen 10.5 mg/L. Phenol not tested - incorrect sample container.

Analyte	Method	Unit	Result	PQL	Date Analyzed
Ammonia(N)	EPA350.3	mg/l	0.09	0.05	3/17/2006

mg/L : Milligrams per liter (=ppm)

ug/L : Micrograms per liter (=ppb)

* : Primary Standards

PQL : Practical Quantitation Limit

MCL : Maximum Contaminant Level

** : Secondary Standards

DLR : Detection Limit for Reporting

ND : Not Detected

N/A : Not Applicable

*** : Action Level

Coliform; Fecal	SM9221E	#/100 ml	1400	Variable	3/14/2006
Coliform; Total	SM9221B	#/100 ml	9000	Variable	3/14/2006
Conductivity	EPA120.1	umho/cm	130	1	3/14/2006
Copper (Cu)	EPA200.8	ug/L	ND	0.5	3/21/2006
Lead (Pb)	EPA200.8	ug/L	ND	0.5	3/21/2006
MBAS surfactants	Subcontract	Attached	Completed	Attached	3/16/2006
NO3 (Nitrate)	EPA300	mg/L	1	1	3/14/2006
Oil & Grease	Subcontract	Attached	Completed	5	3/26/2006
Orthophosphate as P	EPA365.2	mg/l	0.11	0.03	3/15/2006
pH (Laboratory)	EPA150.1	Std Units	7.8	N/A	3/14/2006
Total Kjeldahl Nitrogen	Attached	Attached	Completed	Attached	3/21/2006
Total Organic Carbon	Attached	Attached	Completed	Attached	3/22/2006
Total Suspended Solids	EPA160.2	mg/l	7	5	3/16/2006
Turbidity (Laboratory)	SM2130-B	NTU	18	0.05	3/14/2006
Zinc (Zn)	EPA200.8	ug/L	ND	5	3/21/2006

Lab Number: AA86888

Sample Site: GABILAN DR AT PRADO DR

Source Code:

Sample ID:

Client Code:**SOLEDA-W**

Collection Date/Time: 3/14/2006 10:55

Submittal Date/Time: 3/14/2006 12:39

Sample Collector: ROMERO G

Sample Comments: Routine Storm Water. Dissolved Oxygen 9.0 mg/L. Phenol not tested - incorrect sample container.

Analyte	Method	Unit	Result	PQL	Date Analyzed
Ammonia(N)	EPA350.3	mg/l	0.51	0.05	3/17/2006
Coliform; Fecal	SM9221E	#/100 ml	130	Variable	3/14/2006
Coliform; Total	SM9221B	#/100 ml	>=16000	Variable	3/14/2006
Conductivity	EPA120.1	umho/cm	70	1	3/14/2006
Copper (Cu)	EPA200.8	ug/L	ND	0.5	3/21/2006
Lead (Pb)	EPA200.8	ug/L	12	0.5	3/21/2006
MBAS surfactants	Subcontract	Attached	Completed	Attached	3/15/2006
NO3 (Nitrate)	EPA300	mg/L	1	1	3/14/2006
Oil & Grease	Subcontract	Attached	Completed	5	3/26/2006
Orthophosphate as P	EPA365.2	mg/l	0.14	0.03	3/15/2006
pH (Laboratory)	EPA150.1	Std Units	7.4	N/A	3/14/2006
Total Kjeldahl Nitrogen	Attached	Attached	Completed	Attached	3/21/2006
Total Organic Carbon	Attached	Attached	Completed	Attached	3/23/2006
Total Suspended Solids	EPA160.2	mg/l	327	5	3/16/2006
Turbidity (Laboratory)	SM2130-B	NTU	350	0.05	3/14/2006
Zinc (Zn)	EPA200.8	ug/L	188	5	3/21/2006

mg/L : Milligrams per liter (=ppm)

PQL : Practical Quantitation Limit

DLR : Detection Limit for Reporting

ug/L : Micrograms per liter (=ppb)

MCL : Maximum Contaminant Level

ND : Not Detected

* : Primary Standards

** : Secondary Standards

N/A : Not Applicable

*** : Action Level

Report Approved by:



G. R. Guibert, M.S., P.H.M.
Laboratory Director

04/18/2006

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906



Dear Gerry Guibert,

Thank you for selecting BSK Analytical Laboratories for your analytical testing needs. We have prepared this report in response to your request for analytical services. Please find enclosed the following sections for your complete laboratory report, each uniquely paginated:

CASE NARRATIVE: An overview of the work performed.
CERTIFICATE OF ANALYSIS: Analytical results.
REPORT OF SAMPLE INTEGRITY
CHAIN OF CUSTODY FORM
SUBCONTRACTED ANALYTICAL REPORT(S)

Certification: I certify that this data package is in compliance with NELAC Standards for applicable analyses under NELAP Certificate #04227CA, and is in compliance with ELAP Standards for applicable certified analyses under ELAP Certificate #1180, except for the conditions listed.

If additional clarification of any information is required, please contact your Client Services Representative, John Posten, at (800) 877-8310 or (559) 497-2888.

BSK ANALYTICAL LABORATORIES

John Posten
Client Services Representative



SAMPLE AND RECEIPT INFORMATION

The sample(s) was received, prepared, and analyzed within the method specified holding times unless otherwise noted on the Certificate of Analysis. Samples, when shipped, arrived within acceptable temperature requirements of 0° to 6° Celsius unless otherwise noted on the Report of Sample Integrity. Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.

QUALITY CONTROL

All analytical quality controls are within established method criteria except when noted in the Quality Control section or on the Certificate of Analysis. All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed. OC samples may include analytes not requested in this submission.

<u>RUN</u>	<u>ORDER</u>	<u>TEST</u>	<u>ANALYTE</u>	<u>COMMENT</u>
109501	700983	SM 5540 C	MBAS, Calculated as LAS, mol wt 340	MS and MSD recoveries were affected by the matrix.

SAMPLE RESULT INFORMATION

Samples are analyzed as received (wet weight basis) unless noted here. The results relate only to the items tested. Any exceptions to be considered when evaluating these results are also listed here, if applicable. Results contained in this package shall not be reproduced, except in full, without written approval of BSK Analytical Laboratories.

<u>ORDER</u>	<u>TEST</u>	<u>ANALYTE</u>	<u>COMMENT</u>
--------------	-------------	----------------	----------------



BSK ANALYTICAL LABORATORIES

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906

Certificate of Analysis

NELAP Certificate #04227CA

ELAP Certificate #1180



Report Issue Date: 04/18/2006

BSK Submission #: 2006031168

BSK Sample ID #: 699774

Project ID:

Project Desc: Soledad

Submission Comments:

Sample Type: Liquid

Sample Description: Wastewater Side

Sample Comments: AA86883

Date Sampled: 03/14/2006

Time Sampled: 0740

Date Received: 03/15/2006

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
MBAS, Calculated as LAS, mol wt 340 SM 5540 C		0.087	mg/L	0.05	1	0.05	03/15/06 15:30	03/15/06 15:30
Nitrogen - Total Kjeldahl (TKN)	EPA 351.2	1.6	mg/L	1.0	1	1.0	03/21/06	03/27/06
Total Organic Carbon (TOC)	SM 5310-C	14	mg/L	0.2	1	0.2	03/20/06	03/20/06

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
Total Oil and Grease	EPA 1664	2.9	mg/L	1.0	1	1.0	03/26/06	03/26/06

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit
DLR: Detection Limit for Reporting
: PQL x Dilution

ND: None Detected at DLR

pCi/L: Picocurie per Liter

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Case Narrative for comments.

E: Analysis performed by External laboratory.

See External Laboratory Report attachments.

Report Authentication Code:



BSK ANALYTICAL LABORATORIES

Certificate of Analysis

NELAP Certificate #04227CA

ELAP Certificate #1180

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906

BSK Submission #: 2006031168

BSK Sample ID #: 699775

Project ID:

Project Desc: Soledad

Submission Comments:

Sample Type: Liquid

Sample Description: Front St at Nestles

Sample Comments: AA86884

Report Issue Date: 04/18/2006

Date Sampled: 03/14/2006

Time Sampled: 0800

Date Received: 03/15/2006



Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
MBAS, Calculated as LAS, mol wt 340 SM 5540 C		ND	mg/L	0.05	1	0.05	03/15/06 15:30	03/15/06 15:30
Nitrogen - Total Kjeldahl (TKN)	EPA 351.2	1.4	mg/L	1.0	1	1.0	03/21/06	03/27/06
Total Organic Carbon (TOC)	SM 5310-C	12	mg/L	0.2	1	0.2	03/20/06	03/20/06

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
Total Oil and Grease	EPA 1664	3.7	mg/L	1.0	1	1.0	03/26/06	03/26/06

mg/L: Milligrams/Liter (ppm)

mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit

DLR: Detection Limit for Reporting
: PQL x Dilution

ND: None Detected at DLR

pCi/L: Picocurie per Liter

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Case Narrative for comments.

E: Analysis performed by External laboratory.

See External Laboratory Report attachments.

Report Authentication Code:



Page 2 of 6

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

NELAP Certificate #04227CA

ELAP Certificate #1180

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906

BSK Submission #: 2006031168

BSK Sample ID #: 699776

Project ID:

Project Desc: Soledad

Submission Comments:

Sample Type: Liquid

Sample Description: Front St at West St

Sample Comments: AA86885

Report Issue Date: 04/18/2006

Date Sampled: 03/14/2006

Time Sampled: 0830

Date Received: 03/15/2006



Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
MBAS, Calculated as LAS, mol wt 340 SM 5540 C		ND	mg/L	0.05	1	0.05	03/15/06 15:30	03/15/06 15:30
Nitrogen - Total Kjeldahl (TKN)	EPA 351.2	ND	mg/L	1.0	1	1.0	03/21/06	03/27/06
Total Organic Carbon (TOC)	SM 5310-C	6.4	mg/L	0.2	1	0.2	03/20/06	03/20/06

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
Total Oil and Grease	EPA 1664	1.3	mg/L	1.0	1	1.0	03/26/06	03/26/06

mg/L: Milligrams/Liter (ppm)
mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit

DLR: Detection Limit for Reporting
: PQL x Dilution

ND: None Detected at DLR

pCi/L: Picocurie per Liter

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Case Narrative for comments.

E: Analysis performed by External laboratory.

See External Laboratory Report attachments.

Report Authentication Code:



BSK ANALYTICAL LABORATORIES

Certificate of Analysis

NELAP Certificate #04227CA

ELAP Certificate #1180

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906

BSK Submission #: 2006031168

BSK Sample ID #: 699777

Project ID:

Project Desc: Soledad

Submission Comments:

Sample Type: Liquid

Sample Description: San Vicente Rd at Market St

Sample Comments: AA86886

Report Issue Date: 04/18/2006

Date Sampled: 03/14/2006

Time Sampled: 0900

Date Received: 03/15/2006



Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
MBAS, Calculated as LAS, mol wt 340 SM 5540 C		0.12	mg/L	0.05	1	0.05	03/15/06 15:30	03/15/06 15:30
Nitrogen - Total Kjeldahl (TKN)	EPA 351.2	ND	mg/L	1.0	1	1.0	03/21/06	03/27/06
Total Organic Carbon (TOC)	SM 5310-C	13	mg/L	0.2	1	0.2	03/20/06	03/20/06

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
Total Oil and Grease	EPA 1664	3.0	mg/L	1.0	1	1.0	03/26/06	03/26/06

mg/L: Milligrams/Liter (ppm)

mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit

DLR: Detection Limit for Reporting

: PQL x Dilution

ND: None Detected at DLR

pCi/L: Picocurie per Liter

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Case Narrative for comments.

E: Analysis performed by External laboratory.

See External Laboratory Report attachments.

Report Authentication Code:



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1414 Stanislaus Street Fresno, CA 93706-1623

Phone 559-497-2888, In CA 800-877-8310

Fax 559-485-6935

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

NELAP Certificate #04227CA

ELAP Certificate #1180

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906

BSK Submission #: 2006031168

BSK Sample ID #: 699778

Project ID:

Project Desc: Soledad

Submission Comments:

Sample Type: Liquid

Sample Description: Gabilan Dr at Toledo St

Sample Comments: AA86887

Report Issue Date: 04/18/2006

Date Sampled: 03/14/2006

Time Sampled: 1614

Date Received: 03/15/2006



Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
MBAS, Calculated as LAS, mol wt 340 SM 5540 C		0.26	mg/L	0.05	1	0.05	03/16/06 09:30	03/16/06 09:30
Nitrogen - Total Kjeldahl (TKN)	EPA 351.2	ND	mg/L	1.0	1	1.0	03/21/06	03/27/06
Total Organic Carbon (TOC)	SM 5310-C	6.7	mg/L	0.2	1	0.2	03/22/06	03/22/06

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
Total Oil and Grease	EPA 1664	1.0	mg/L	1.0	1	1.0	03/26/06	03/26/06

mg/L: Milligrams/Liter (ppm)

mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit

DLR: Detection Limit for Reporting
: PQL x Dilution

ND: None Detected at DLR

pCi/L: Picocurie per Liter

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Case Narrative for comments.

E: Analysis performed by External laboratory.

See External Laboratory Report attachments.

Report Authentication Code:



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BSK ANALYTICAL LABORATORIES

Gerry Guibert
Monterey CHD
1270 Natividad Rd. Rm A15
Salinas, CA 93906

Certificate of Analysis
NELAP Certificate #04227CA
ELAP Certificate #1180



Report Issue Date: 04/18/2006

BSK Submission #: 2006031168

BSK Sample ID #: 699779

Project ID:

Project Desc: Soledad

Submission Comments:

Sample Type: Liquid

Date Sampled: 03/14/2006

Sample Description: Gabilan Dr at Prado Dr

Time Sampled: 1035

Sample Comments: AA86888

Date Received: 03/15/2006

Inorganics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
MBAS, Calculated as LAS, mol wt 340	SM 5540 C	ND	mg/L	0.05	1	0.05	03/15/06 15:30	03/15/06 15:30
Nitrogen - Total Kjeldahl (TKN)	EPA 351.2	1.6	mg/L	1.0	1	1.0	03/21/06	03/27/06
Total Organic Carbon (TOC)	SM 5310-C	8.0	mg/L	0.2	1	0.2	03/23/06	03/23/06

Organics

Analyte	Method	Result	Units	PQL	Dilution	DLR	Prep Date/Time	Analysis Date/Time
Total Oil and Grease	EPA 1664	2.6	mg/L	1.0	1	1.0	03/26/06	03/26/06

mg/L: Milligrams/Liter (ppm)

mg/Kg: Milligrams/Kilogram (ppm)

µg/L: Micrograms/Liter (ppb)

µg/Kg: Micrograms/Kilogram (ppb)

%Rec: Percent Recovered (surrogates)

PQL: Practical Quantitation Limit

DLR: Detection Limit for Reporting
: PQL x Dilution

ND: None Detected at DLR

pCi/L: Picocurie per Liter

H: Analyzed outside of hold time

P: Preliminary result

S: Suspect result. See Case Narrative for comments.

E: Analysis performed by External laboratory.
See External Laboratory Report attachments.

Report Authentication Code:



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LABORATORY REPORT

Prepared For: BSK Labs
1414 Stanislaus Street
Fresno, CA 93706
Attention: John Posten

Project: 2006031168

Sampled: 03/14/06
Received: 03/17/06
Issued: 03/28/06 14:17

NELAP #01108CA California ELAP#1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.*

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 4°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID

CLIENT ID

MATRIX

IPC2291-01

699774 Wastewater Side

Liquid

IPC2291-02

699775 Front St at Nestles

Liquid

IPC2291-03

699776 Front St at West St

Liquid

IPC2291-04

699777 San Vicente Rd at Market St

Liquid

Reviewed By:

Del Mar Analytical - Irvine
Lisa Reightley
Project Manager



Del Mar Analytical

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

BSK Labs
1414 Stanislaus Street
Fresno, CA 93706
Attention: John Posten

Project ID: 2006031168

Report Number: IPC2291

Sampled: 03/14/06
Received: 03/17/06

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPC2291-01 (699774 Wastewater Side - Liquid)								
Reporting Units: mg/l								
Phenols	EPA 420.1	6C24117	0.10	ND	1	3/24/2006	3/25/2006	
Sample ID: IPC2291-02 (699775 Front St at Nestles - Liquid)								
Reporting Units: mg/l								
Phenols	EPA 420.1	6C24117	0.10	ND	1	3/24/2006	3/25/2006	
Sample ID: IPC2291-03 (699776 Front St at West St - Liquid)								
Reporting Units: mg/l								
Phenols	EPA 420.1	6C24117	0.10	ND	1	3/24/2006	3/25/2006	
Sample ID: IPC2291-04 (699777 San Vicente Rd at Market St - Liquid)								
Reporting Units: mg/l								
Phenols	EPA 420.1	6C24117	0.10	ND	1	3/24/2006	3/25/2006	

Del Mar Analytical - Irvine
Lisa Reightley
Project Manager

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BSK Labs
1414 Stanislaus Street
Fresno, CA 93706
Attention: John Posten

Project ID: 2006031168

Report Number: IPC2291

Sampled: 03/14/06
Received: 03/17/06

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 6C24117 Extracted: 03/24/06									
Blank Analyzed: 03/25/2006 (6C24117-BLK1)									
Phenols	ND	0.10	mg/l						
LCS Analyzed: 03/25/2006 (6C24117-BS1)									
Phenols	0.505	0.10	mg/l	0.500		101 90-110			
Matrix Spike Analyzed: 03/25/2006 (6C24117-MS1)									
Phenols	0.517	0.10	mg/l	0.500	ND	103 65-155			
Matrix Spike Dup Analyzed: 03/25/2006 (6C24117-MSD1)									
Phenols	0.501	0.10	mg/l	0.500	ND	100 65-155	3	20	

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Lisa Reightley
Project Manager

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BSK Labs
1414 Stanislaus Street
Fresno, CA 93706
Attention: John Posten

Project ID: 2006031168

Report Number: IPC2291

Sampled: 03/14/06
Received: 03/17/06

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD Relative Percent Difference

Del Mar Analytical - Irvine
Lisa Reightley
Project Manager

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BSK Labs
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Fresno, CA 93706
Attention: John Posten

Project ID: 2006031168

Report Number: IPC2291

Sampled: 03/14/06
Received: 03/17/06

Certification Summary

Del Mar Analytical - Irvine

Method	Matrix	Nelac	California
EPA 420.1	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Del Mar Analytical - Irvine
Lisa Reightley
Project Manager

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